

ROBERT C. BURNS, Ph.D.

Curriculum Vitae March 2020

**West Virginia University
Division of Forestry and Natural Resources
Davis College of Agriculture, Natural Resources and Design
Morgantown, WV 26506-6125**

Dr. Robert C. Burns is Director of the Division of Forestry and Natural Resources, Professor of Recreation, Parks and Tourism Resources, and a former career military officer. Dr. Burns' outlook on land use is utilitarian, recognizing the many uses and competing demands that support economies and people at every scale, from the provision of public services, to the production of wood, on public and private lands, and for economic, environmental and social benefit.

He believes that strong disciplinary expertise leads to the best multi-disciplinary initiatives, and that the Land Grant mission is truly the most effective way of building sustainable natural resource initiatives. Burns earned a Ph.D. at Penn State in 2000, and was an assistant professor at the University of Florida prior to arriving at WVU. He has attended numerous leadership courses and academies over the past 38 years, and has a strong commitment to ethical leadership that is people-focused. His belief is that decisions are best informed by those closest to any specific issue, and that team-building and empowering people through education will result in the best quality results, regardless of the topic.

Dr. Burns is Northeast Region Chair for the National Association of University Forest Resource Programs. He is co-editor of the 2016 book entitled Outdoor Recreation Planning, a primer for understanding land use planning on public lands. He is immediate past Chief Editor of the Journal of Park and Recreation Administration, and is a member of the Society of American Foresters, Society of Natural Resources, and the Geological Society of America.

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EDUCATIONAL BACKGROUND

- 2020 LEAD 21 Land Grant University Leadership course.
- 2000 Doctor of Philosophy, Recreation, Parks and Tourism Resources (Minor in Geography), The Pennsylvania State University. Dissertation Topic: *An Examination of Service Quality Indicators as a Predictor of Customer Satisfaction at US Water-based Recreation Areas.*
- 1993 Master of Science, Public Administration, Central Michigan University. Thesis Topic: *Management Decision-making: US Army Recovery Vehicle Training Location.*
- 1985 Bachelor of Arts, Criminology (Minor in German Language), Indiana University of Pennsylvania.

PROFESSIONAL EMPLOYMENT

- 2016-present ***Director (and Professor), School of Natural Resources, West Virginia University, Morgantown, WV.***
- Leader and interdisciplinary social scientist focusing on humans and our environment
 - Director of 60+ faculty/instructors/staff, 600+ students, five federal partners, two centers (Appalachian Hardwood Center and Renewable Materials & Bioenergy Research Center); and the 7,500 acre WVU Research Forest
 - Five academic programs: Forest Resources Management; Energy Land Management; Wood Science & Technology; Recreation, Parks and Tourism Resources, Wildlife and Fisheries
 - Reinvigorated the Division through active leadership and effective communication
 - Reorganized the Division to better reflect fiscal and personnel realities
 - Developed innovative fundraising, enrollment, retention and communication approaches
 - Brought new emphasis on the WVU Research Forest, including the naming of a Program Coordinator, increases support for adventure recreation activities, economic development activities and appropriate levels of harvesting
 - Led an effort to ‘right-size’ personnel across the Division, resulting in strategic hires and departures

PROFESSIONAL EMPLOYMENT (CONT.)

- 2015-2016 **Professor**, Program Chair, Recreation, Parks & Tourism Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, WV.
- 2009-2015 **Associate Professor**, Recreation, Parks & Tourism Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, WV.
- 2005-2009 **Assistant Professor**, Recreation, Parks & Tourism Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, WV.
- 2004-2005 **Visiting Assistant Professor**, Recreation, Parks & Tourism Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, WV.
- 2000-2004 **Assistant Professor**, Department of Recreation, Parks & Tourism, University of Florida, Gainesville, FL.
- 2000-2004 **Associate Director**, Center of Tourism Research and Development, University of Florida, Gainesville, FL.
- 1994-2000 **Instructor/Researcher**, Department of Recreation and Park Management, The Pennsylvania State University, University Park, PA.
- 1985-2000 **US Army Commissioned Officer**. Worldwide deployment as a Logistics Officer. Ranks held: Major, Captain, First Lieutenant, Second Lieutenant.
- 1978-1982 **US Army Non-Commissioned Officer/Enlisted Member**. Worldwide deployment as a Tank Commander and Crewmember. Ranks held: Private through Sergeant.

PUBLICATIONS

Refereed Manuscripts Submitted for Publication/In Progress

- Burns, R.C., Leveque, J., Kainzinger, S., Arnberger, A., and Allen, M. (In review). Investigating crowding at the Lower Youghiogheny River, (U.S.). *Journal of Park and Recreation Administration*.
- Burns, R. C., Arnberger, A., Leveque, J., Moreira, J., and von Ruschkowski, E. (in review). Protected Area Visitor Monitoring: An International Perspective. Chapter to be published in *Visitor Use Management in Parks and Protected Areas*.
- Seebunruang, J., Burns, R. C., and Arnberger, A. (submitted) Is national-park affinity related to visitors' satisfaction with park service and recreation quality? A case study from Thailand. *Issues in Tourism*.

Published Refereed Journal Articles

- Burns, R. C.**, Smaldone, D., Allen, M., and Popham, A. (2020). Monitoring Outdoor Recreation Use: The Umatilla National Forest, Wenaha Wild and Scenic River Corridor. *International Journal of Wilderness*, 26(1), pp 54-71.
- Burns, R.C.**, Schwarzmann, D., Andrew, R., Allen, M., and Moreira, J. C. (2020). The National Marine Sanctuaries Visitor Counting Process: A Process to Inform Marine Protected Area Management & Community Development. *PANORAMA: Solutions for a healthy planet*.
- Burns, R. C.**, Andrew, R., Allen, M., Schwarzmann, D., and Moreira, J. C. (2020). Conceptualizing the Applied Visitor Use Monitoring Process for Marine Protected Areas. *Journal of Ecotourism*, pp 1-11.
- Burns, R.C.**, Chuprinko, T., and Allen M. (2020). Understanding Pacific Northwest (U.S.) mountain climbers' motivations: Mount Baker, Washington, and Mount Hood, Oregon. *Eco Mont: Journal on Protected Mountain Area Research and Management*. 12(1), PP 4—14.
- Andrew, **R.C.**, **Burns**, R. C., and Allen, M. (2019). The influence of location on water quality perceptions across a geographic and socioeconomic gradient in Appalachia. *Journal of Water*. 11(11), pp 1—12.
- Burns, R. C.**, Carter, M., Brock, J., Leveque, J., Bunse, E., Palaseanu-Lovejoy, M., Guala, G., Harlan, N., Blake, M., Moreira, J., Britton, J., Ashton, K., Nugent, B., Marketti, M. (2019). The Appalachian Geo-STEM Camp: Learning about Geology through experiential adventure recreation. *The Professional Geologist*. 56(2), pp 27—31.
- Burns, R. C.**, Gregory, L.C., and Moreira, J. C. (2019). A profile of visitors to Brazil Amazon Protected Areas: Anavilhanas National Park (Amazonas) and Tapajós National Forest (Pará). *Marketing and Tourism Review*. 4(1), pp 1—29.
- Burns, R.C.** and Moreira, J.C. (2019) Tourism aspects in the Appalachian Geopark project, West Virginia, USA: Preliminary notes. *Terr@ Plura (Brazil)*. v. 13, n. 2, p. 451- 468.
- Hurtado, M.M., Moreira, J.C., **Burns, R.C.**, and Albach, V.M. (2019). O perfil do visitante do Parque Nacional de São Joaquim (SC): Breves considerações. *Rev. Bras. de Iniciação Científica (RBIC)*, Itapetininga, v. 6, n.3, p. 82-94.
- Kainzinger, S., Arnberger, A., and **Burns, R.C.** (2019). Whitewater recreationists' tradeoffs among social, resource, and managerial conditions segmented by specialization level. *Journal of Park and Recreation Administration*. 37(4), pp. 14–32.

- Leveque, J. and **Burns, R.C.** (2019). Water quality perceptions and natural resources extraction: A matter of geography? *Journal of Environmental Management, Elsevier*. 234(15), pp379—386.
- Moreira, J. C., Haura, F.K., **Burns, R.C.**, and Caires, A.M. (2019). Perfil, percepção dos visitantes e a observação de Animais Silvestres: Estudo de Caso do Parque Nacional Marinho de Fernando de Noronha-PE. *Anais Brasileiros de Estudos Turísticos-ABET, Juiz de Fora (Brasil)*, v.9, pp.1 – 13.
- Burns, R. C.**, Popham, A., and Smaldone, D. (2018). Examining satisfaction and crowding in a remote, low use wilderness setting: The Wenaha Wild and Scenic River case study. *International Journal of Wilderness*. 24(3), pp 40—54.
- Burns, R. C.**, and Hinatsu, S. (2018). Development of an inter-agency committee to meet management challenges in the Columbia River Gorge National Scenic Area. *International Leisure Review*. 7(1), pp 75—106.
- Ferguson, M. D., **Burns, R. C.**, and Smaldone, D. (2018) Innovations in outdoor recreation visitor use management: Applying market segmentation at the Timberline Lodge Recreation Complex. *International Leisure Review*. 7(1), pp 108—131.
- Garcia, L.M., Moreira, J. C. and **Burns, R. C.** (2018). Conceitos geográficos na gestão das unidades de conservação brasileiras. *Geographia*. 20(42), pp 52—62.
- Kainzinger, S., Arnberger, A., and **Burns, R.C.** (2018). An examination of whitewater boaters' place attachment and specialization in four different river settings. *Environmental Management*. 62(2), pp 1—13.
- Levêque, J., and **Burns, R.** (2018). Drinking water in West Virginia (USA): Tap water or bottled water - What is the right choice for college students? *Journal of Water and Health*, 16(5), pp 827--838.
- Burns, R.C.** and Robinson, K. (2017). Oregon's aging population: Relationships between facilities, services, participation, and socio-demographics in outdoor recreation settings. *Journal of Park and Recreation Administration* 35(4), pp 13—23.
- Kainzinger, S., Arnberger, A., and **Burns, R.C.** (2017). Whitewater recreationists' preferences for social, resource and managerial attributes in the Alpine Nature and Geopark Styrian Eisenwurzen. *Journal on Protected Mountain Areas Research and Management Ecomont* 9(2), pp 52—60.
- Levêque, J., & **Burns, R.** (2017). A structural equation modeling approach to water quality perceptions. *International Journal of Environmental Management, Elsevier* 19(7), pp 440-447.
- Levêque, J., & **Burns, R.** (2017). West Virginia water quality perceptions: Highlighting the importance of education and media. *Journal of Park and Recreation Administration* 35(2), pp 127-129.
- Levêque, J., & **Burns, R.** (2017). Predicting water filter and bottled water use in Appalachia: A community-scale case study. *International Journal of Water and Health* 15(3), pp 451-461.
- Kainzinger, S., **Burns, R.C.** and Arnberger, A. (2016). Setting preferences of high and low use river recreationists: How different are they?. *Environmental Management* 58(5), 767—779.
- Shrestha, S., & **Burns, R.C.** (2016). Integrating constraints to the theory of planned behavior in predicting deer hunting participation. *Human Dimensions of Wildlife* 21(5), 1—15.
- Bright, L, **Burns, R.C.**, Autry, C., Anderson, S. (2015). Perceived constraints and negotiation strategies of winter sports participants with disabilities. *International Leisure Review* 4(1), 5—38.

- Kainzinger, S., **Burns, R.C.**, and Arnberger, A. (2015). In-group and out-group conflict between whitewater boaters and anglers: The case of the North Umpqua Wild and Scenic River, Oregon. Human Dimensions of Wildlife 20(6), 542--552.
- Kainzinger, S., **Burns, R.C.**, and Arnberger, A. (2015). Whitewater boater and angler conflict, crowding, and satisfaction on the North Umpqua River, Oregon. Human Dimensions of Wildlife 20(6), pp 542-552.
- Metcalf, E., Graefe, A., Trautwein, N., and **Burns R. C.** (2015). Understanding hunting constraints and negotiation strategies: A typology of female hunters. Human Dimensions of Wildlife, 20(1) 1–17.
- Riley, C., J., Pierskalla, C., **Burns, R. C.**, Muambe, K., Graefe, A., Smaldone, D., and Williams, S. (2015). Examining OHV user displacement at the Oregon Dunes National Recreation Area and Sand Lake: A 10-year trend study. Journal of Outdoor Recreation and Tourism, 9: 44-52.
- Dhami, I., Deng, J., **Burns, R. C.**, and Pierskalla, C. (2014). Identifying and mapping forest-based ecotourism areas in West Virginia: Incorporating visitors' preferences. Tourism Management. 42: 165—176.
- Burns, R. C.** (2013). Book Review of: Tourism in Brazil: Environment, Management and Segments, G. Lohmann, D. Dredge (Eds.), Routledge, London and New York (2012), 214 pp., Hardback, ISBN: 978-0-415-67432-4. Journal of Outdoor Recreation and Tourism. 3-4 (2013) 68–69.
- Burns, R.C.** and Moreira, J.C. (2013). Visitor management in Brazil's protected areas: Benchmarking for best practices in resource management. George Wright Society Forum 30, no 2, pp 163—170.
- Graefe, A. and **Burns R.C.** (2013). Testing a mediation model of customer service and satisfaction in outdoor recreation. Journal of Outdoor Recreation and Tourism. 3-4 (2013) 36–46.
- Metcalf, E. C., **Burns, R. C.**, and Graefe, A. (2013). Using the paradigm of constraints to understand non-traditional forest recreation use: Racial and ethnic minorities' participation rates. Journal of Outdoor Recreation and Tourism 1-2 (2013) pp 29--39.
- Rom, F., Arnberger, A. & **Burns, R.C.** (2013) Exploring differences in mountain landscape preferences and perceptions between Austrian and United States protected area visitors. Journal on Protected Mountain Areas Research and Management. Volume 5, Number 2, December 2013
- v. Ruschkowski, E.; Arnberger, A., **Burns R.C.**, Fish, T., and Salasova, A. J. (2013). Training Future Decision-Makers in Park Management: Transatlantic Capacity Building through the EU's ERASMUS Programme. George Wright Society Forum 30, no 2, pp 190—199.
- v. Ruschkowski, E.; **Burns R.C.**, Arnberger, A., Smaldone, D., and Meybin, J. (2013). Recreation management in protected parks and forests: A comparative study of Austria, Germany, and the United States of America. Journal of Park and Recreation Administration. Volume 31, 2, pp 90-109.
- Arnberger, A., Eder, R., Alex, B., Sterl, P., and **Burns, R. C.** (2012). Relationships between national park affinity and attitudes towards protected area management of visitors to the Gesäuse National Park, Austria. In Forest Policy and Economics, Volume 19, 48—55.
- Shrestha, S., **Burns, R.C.**, Deng, J., Confer, J., Graefe, A., and Covelli, E. (2012). The role of elements of theory of planned behavior in mediating the effects of constraints on intentions: A study of Oregon big game hunters. Journal of Park and Recreation Administration, 30(2), 41-62.
- Shrestha, S., **Burns, R.C.**, Pierskalla, C., and Selin, Steve. (2012). Predicting deer hunting intentions using the theory of planned behavior: A Survey of Oregon big game hunters. Human Dimensions of Wildlife, 17:2, 129—140.
- Burns, R.C.**, Graefe, A., Heilman, M., and Wade, J. A. (2011). A comparison of perceptions and attitudes of commercially guided recreational users and private recreation users on the White Salmon River, Washington. Journal of Outdoor Recreation, Education, and Leadership, 3(2), 84—86.

- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2010). Social carrying capacity challenges in parks, forests, and protected areas: An examination of Transatlantic methodologies and practices. International Journal of Sociology, 40(3), 30—50.
- Nyaupane, G., Graefe, A., **Burns R. C.** (2009). The role of equity, trust, and information on user fee acceptance in protected areas and other public lands: A structural model. Journal of Sustainable Tourism, 17(4), 501—517).
- Absher, J., Graefe, A., and **Burns, R. C.** (2008). Longitudinal monitoring of public reactions to the U.S. Forest Service recreation fee program. In Siegrist, D.; Clivaz, C.; Hunziker, M.; and Iten, S. (eds.) Visitor management in nature-based tourism, strategies, and success factors for recreation and protected areas. Series 1, 9-14.
- Bailey, H., Smaldone, D., Elmes, G., and **Burns R. C.** (2008). Geointerpretation: The interpretive potential of maps. Journal of Interpretation Research, 12(2), 45—59.
- Lee, B. D., Graefe, A. R. and **Burns, R. C.** (2008). Family recreation: A study on visitors who travel with children. World Leisure Journal, 50, (4), 259—267.
- Burns, R.C.** and Graefe, A. (2007). Constraints to outdoor recreation in Pacific Northwest national forests: Exploring perceptions of respondents whose households include persons with disabilities. Journal of Leisure Research, 39(1), 156—181.
- Nyaupane, G., Graefe, A., **Burns R. C.** (2007). Understanding equity in the recreation user fee context. Leisure Sciences, 29:5, 425—442.
- Lee, J., Graefe, A., and **Burns, R. C.** (2007). Examining the antecedents of destination loyalty in a forest setting. Leisure Sciences, 29:5, 463—481.
- Burns, R.C.**, and Graefe, A. (2006). Toward understanding the impact of recreation fees on extremely low-income residents in the Pacific Northwest. Journal of Park and Recreation Administration, 24(2), 1-20.
- Burns, R.C.**, and Graefe, A. (2006). Service quality measures: Recreationists' perceptions of US Pacific Northwest national forests. World Leisure Journal, 48(1) 40—51.
- Burns, R.C.**, and Graefe, A. (2005). Customer satisfaction at water-based outdoor recreation settings: Understanding differences across market segments. Cyber Journal of Applied Leisure and Recreation Research.
- Burns, R.C.**, and Lee, R. (2004). The ups and downs of state budget process reform: Experience of three decades. Public Budgeting and Finance, 24(3), 1-19.
- Lee, J., Graefe, A., and **Burns, R. C.** (2004). Structural analysis of service quality, satisfaction, and behavioral intention among forest visitors. Journal of Travel and Tourism Marketing, 17(1), 73-82.
- Burns, R.C.**, Graefe, A.R., and Absher, J. (2003). Alternate measurement approaches to recreational customer satisfaction: Performance-only and importance-performance gap scores. Leisure Sciences, 25(4), 363–380.
- Lee, R.D., and **Burns, R.C.** (2003). U.S. state budget directors: Characteristics, experience, and attitudes. Public Budgeting and Finance, 23(2), 125-151.
- Lee, R.D., and **Burns, R.C.** (2000). Performance measurement in state budgeting: Advancement and backsliding from 1990 to 1995. Public Budgeting & Finance, 20(1), 38-50.

Other Publications

- Leveque, J. and **Burns, R.C.** (2017). Are home filters and bottled water use predictable? The Source Magazine. International Water Association, Issue 9(6), p.62.
- Leveque, J. and **Burns, R. C.** (2016). Residents are important in the “wild and wonderful”. The Neuron, the West Virginia Journal of Science and Research Fall issue p. 15.
- Burns, R. C.** Deng, J., Pierskalla, C., Selin, S., and Smaldone, D. (2009). Accreditation Self-Study. Prepared for the Committee on Accreditation of the Society of American Foresters. *Office of the Provost Archives*. West Virginia University.
- Pierskalla, C., **Burns, R. C.** Deng, J., Selin, S., and Smaldone, D. (2009). *Self-Study Report of the Recreation, Parks and Tourism Resources B.S.R. Degree*. Submitted to the Board of Governors Archives, West Virginia University.
- Smaldone, D., **Burns, R. C.**, Deng, J., Pierskalla, C., and Selin, S. (2009). *Self-Study Report of the Recreation, Parks and Tourism Resources M.S.R Degree*. Submitted to the Board of Governors Archives, West Virginia University.
- Manning, R., Bacon, J., Graefe, A., Kyle, G., and **Burns, R. C.** (2001). “I never hike alone:” Security on the Appalachian Trail. *Parks and Recreation*, 36, (7). (pp 50-56).

Books/Book Chapters

Books

- Baas, J. and **Burns, R.C.** (2016). Natural Resource Recreation Planning. Sagamore Publishing, Champaign, IL. (312 pages).

Book Chapters

- Burns, R. C.**, Arnberger, A., v. Ruschkowski, E., Moreira, J., and Leveque, J. (forthcoming). Visitor Monitoring in Park and Protected Areas: An International Perspective. In: *Visitor Use Management in Parks and Protected Areas: Traditions, Approaches, and Possibilities*.
- Burns, R. C.**, Chuprinko, and Allen, M. (forthcoming). Lake Management: Incorporating Management, Environmental and Social Concepts. In: *Visitor Experience Management in Nature-based Tourism*. Ed: Albrecht, J. CABI, Oxfordshire, UK.
- Garcia, L. V. M., Moreira, J. C., **Burns, R.** (2018). Visitor Use Planning at Mariquinha Waterfall, Campos Gerais National Park, Brazil, pp 157--178. In: *Tourism and Protected areas in Brazil: Challenges and perspectives*. Ed: Cunha, A., McCool, S., and Magro, T.
- Arnberger, A., v. Ruschkowski, E. and **R.C. Burns.** (2016). International perspectives, In *Outdoor Recreation Planning*, Baas, J. and Burns, R. C., (comp., eds.), Sagamore Publishing, Champaign, IL.
- Burns, R. C.** (2016). Managing the Recreation Planning Process, In *Outdoor Recreation Planning*, Baas, J. and Burns, R. C., (comp., eds.), Sagamore Publishing, Champaign, IL.
- Metcalf, E.C., Ryan, C., and **R.C. Burns.** (2016). Managing the Recreation Planning Process, In: *Outdoor Recreation Planning*, Baas, J. and Burns, R. C., (comp., eds.), Sagamore Publishing, Champaign, IL.
- Moreira, J.C. and **Burns, R. C.** (2016). Visitor monitoring in the Tapajos National Forest, Brazil. In *Visitor Management in Tourism Destinations*. Ed: Julia N. Albrecht, Ph.D, CABI Publishing, Oxfordshire, UK. ISBN-13: 978 1 78064 735 7.
- Garcia, L. V. M., Moreira, J. C., **Burns, R.** (2015). Management of the visitation impacts at the National Park of Campos Gerais / Brazil: The case of Mariquinha Waterfall. In: *Ecotourism: Practices, Benefits and*

Environmental Impacts, edited by Shannon C. Brophy. e1. Vol. 1, 1-15. New York: Nova Science Publishers

Moreira, J.C., **Burns, R. C.**, and Albach, V. de M. (2015). Sustainable tourism in Brazil. Faxinal and Superagui Case Studies. In Reframing Sustainable Tourism. Ed: Stephen McCool, Ph.D, Keith Bosak; Springer Publishing, New York.

Burns, R. C., Covelli, E., and Graefe, A. (2008). Chapter 11: Outdoor recreation and nontraditional users: Results of focus group interviews with racial and ethnic minorities, In Chavez, Deborah J.; Winter, Patricia L.; Absher, James D., (comp., ed.), Recreation Visitor Research: Studies of Diversity, (pp123—137). General Technical Report PSW-GTR-210. U.S. Department of Agriculture, Forest Service, 225 p.

Burns, R.C., and Robinson, K. (2007). Editors: Proceedings of the 2006 Northeastern Recreation Research Symposium. Bolton Landing, NY. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. Gen. Tech. Rep. NRS-P-14. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 613 p.

Burns, R.C. (2004). Open wheel racing. In Encyclopedia of recreation and leisure in America. Charles Scribner's Sons. 900pp. (pp. 80-81).

Burns, R.C. (2004). Sports car racing. In Encyclopedia of recreation and leisure in America. Charles Scribner's Sons. 900pp. (pp. 301-302).

***Proceedings and Abstracts** Note: Many of the entries in the 'Proceedings and Abstracts' section are also listed in the 'Professional Presentations' section.*

Albach, V. M., Moreira, J. C., & **Burns, R.** (2018). Methodological Proposal for the Analysis of the 'Online Reputation' of Protected Areas. *9th International Conference On Monitoring and Management of Visitors in Protected Areas, 2018, Bordeaux. Abstract Book The 9th International Conference On Monitoring and Management of Visitors in Recreational and Protected Areas (Mmv9), 1, 475 – 476*. Bordeaux: Bordeaux Science Agro.

Burns, R. & Moreira, J. C. (2018). Development of a Systematic Visitor Monitoring Program for Brazil Parks and Protected Areas. *9th International Conference on Monitoring and Management of Visitors in Protected Areas, 2018, Bordeaux. Abstract Book of The 9th International Conference On Monitoring and Management of Visitors in Recreational and Protected Areas (Mmv9), 1, 427 – 428*. Bordeaux: Bordeaux Science Agro.

Moreira, J. C., **Burns, R.** & Carvalho, E. (2018). Aspectos da Interpretação Ambiental da Floresta Nacional do Tapajós e do Centro de Visitantes de Alter do Chão (Pará) Sob a Ótica de Seus Visitantes. *Tms Algarve 2018 – Tourism & Management Studies International Conference, 2018. Tourism & Management Studies International Conference Book of Abstracts, 1, 120 – 120*. Loulé: Grafica Comercial.

Moreira, J. C., **Burns, R.**, Gregory, L. C., Gregory, M. T. C. & Santos, P. M. C. O. (2018). Parque Nacional de Anavilhanas (Am) Na Perspectiva de Seus Visitantes. *Ix Congresso Brasileiro De Unidades de Conservação, 2018, Florianópolis. Anais Do Ix Congresso Brasileiro de Unidades de Conservação, 9, 1 – 1*. Curitiba: Fundação Grupo Boticário De Proteção À Natureza.

Moreira, J. C., **Burns, R.** & Carvalho, K. G. (2018). Use of Game Cameras and Interviews to Monitor Visitors: Is There Crowding in The Iguazu National Park - Brazil?. *9th International Conference On Monitoring and Management of Visitors in Protected Areas, 2018, Bordeaux. The 9th International Conference On Monitoring and Management of Visitors in Recreational and Protected Areas (Mmv9) The 9th International Conference On Monitoring and Management of Visitors in Recreational and Protected Areas (Mmv9) Abstract Book, 1, 286 – 288*. Bordeaux: Bordeaux Science Agro.

- Burns, R.**, Moreira, J. C., Carvalho, F. M. (2015). An Amazon Rain Forest Case Study: Linking Tourism with Small-Scale Sustainable Forestry In *Journal of Forestry*. v.113, 156-156.
- Moreira, J. C., Coutinho, G. C. T. P., **Burns, R.**, Haura, F., Folmann, A. C. (2015). A percepção do visitante do parque estadual de vila velha: coleta de dados baseada no método national visitor use monitoring (nvum) – eua In *Anais do VIII CBUC VIII Congresso Brasileiro de Unidades de Conservação Curitiba 2015* 1 1-14 Curitiba: Editora da Fundação Grupo Boticário.
- Garcia, L. V. M., Moreira, J. C., **Burns, R.** (2015). O olhar do campo: elaboração de trilha interpretativa na busca da proteção do patrimônio dos Campos Gerais do Paraná, Parque Nacional dos Campos Gerais, Paraná, Brasil. In *Anais do VIII CBUC VIII Congresso Brasileiro de Unidades de Conservação Curitiba 2015* 1 1-14 Curitiba: Editora da Fundação Grupo Boticário.
- Moreira, J. C., **Burns, R.** (2015). Turismo, Manejo De Uso Público E A Percepção Dos Visitantes: Coleta De Dados Na Floresta Nacional Do Tapajós (PARÁ) In *Anais do VIII CBUC VIII Congresso Brasileiro de Unidades de Conservação Curitiba 2015* 1 1-14 Curitiba: Editora da Fundação Grupo Boticário.
- Burns, R.**, Cardozo Moreira, Jasmine. (2015). Developing a visitor monitoring program for Brazil parks and protected areas: The Floresta Nacional do Tapajós case study In *Book of Abstracts 21st International Symposium on Society and Resource Management 21st International Symposium on Society and Resource Management Charleston 2015* 1 1-1 Charleston: International Association for Society and Natural Resources.
- Folmann, A. C., Haura, F., Santos, F. F., Moreira, J. C., Maciel, J. P., Coutinho, G. C. T. P., **Burns, R.** (2015). Parque Estadual de Vila Velha – coleta de dados, manejo e turismo em áreas protegidas In *Anais do I Congresso de Patrimônio Cultural “Patrimônio Cultural e Natural dos Campos Gerais” Ponta Grossa 2015* 1-1 Ponta Grossa: Fundação Cultural.
- Burns, R.C.** (2014). Recreation trail users: The case of the Umpqua National Forest. *Proceedings of the 26th Northeastern Recreation Research Symposium (NERR)*. Cooperstown, NY. (pp. 7).
- Burns, R.C.**, (2014). Alternate transportation preferences on Mount Baker-Snoqualmie National Forest, Washington, USA. *Proceedings of the 18th International Symposium on Society and Resource Management*. Hannover, Germany. (online only).
- Burns, R. C.** (2014). A successful recreational angling management program: Spatial zoning of the North Umpqua River. *Proceedings of the 7th World Recreational Fishing Conference*. Campinas, Brazil. (online only).
- Burns, R.C.**, Graefe, A., Vaske, J., Manning, R., and Arnberger, A. (2014). Crowding measurement in outdoor recreation: Toward a situational decision-making process. *Proceedings of the 26th Northeastern Recreation Research Symposium (NERR)*. Cooperstown, NY (pp. 4).
- Burns, R. C.**, and Moreira, J.C. (2014). Recreation monitoring in Brazil conservation units: a preliminary examination of trip characteristics, opinions, crowding, and satisfaction levels. *Proceedings of the 7th Monitoring and Management of Visitors in Recreational and Protected Areas Conference*. Tallinn, Estonia. (online only).
- Burns, R. C.**, and Moreira, J.C. (2014). The Columbia River Gorge: A geopark by any other name. *Proceedings of the 6th International GeoParks Conference*. Saint John, New Brunswick, Canada. (online only).
- Burns, R. C.**, Moreira, J.C., Zelmer, H., von Ruschkowski, E., Arnberger, A. (2014). Community awareness of Geopark Harz-BraunschweigerLand-Ostfalen. *Proceedings of the 6th International GeoParks Conference*. Saint John, New Brunswick, Canada. (online only).

- Burns, R. C.**, Moreira, J.C., and Carvelho, F. (2014). Community awareness of Geopark Harz-BraunschweigerLand-Ostfalen. Proceedings of the 2014 Society of American Foresters Convention. Salt Lake City, Utah. (online only).
- Burns, R.C.**, Sanford, P., and Absher, J. (2014). Access to Public Lands. Proceedings of the Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, San Francisco, CA. (online only).
- Gomes da Silva, C., and **Burns, R.C.** (2014). Understanding willingness to pay for outdoor recreation access. Proceedings of the 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (online only).
- Graefe, A., and **Burns, R. C.** (2014). Oregon Dunes National Recreation Area, USA: A trend examination of trip characteristics, crowding and satisfaction levels (2002, 2006. And 2011). Proceedings of the 7th Monitoring and Management of Visitors in Recreational and Protected Areas (online only).
- Kainzinger, S., Arnberger, A., and **Burns, R.C.**, (2014). A multivariate approach for understanding whitewater recreationists' preferences for management issues, social and setting factors. Proceedings of the 18th International Symposium on Society and Resource Management. Hannover, Germany. (online only).
- Kainzinger, Silvia, Arnberger, A., and **Burns, R.C.** (2014). Rivers users' perceptions of trip experience, perceived crowding and conflict on the North Umpqua Wild and Scenic River. Proceedings of the 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (p.p. 7).
- Leveque, J., and **Burns, R.C.** (2014). Mount Baker-Snoqualmie National Forest winter alternative transportation study. Proceedings of the 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (p.p. 5).
- Moreira, J., and **Burns, R.C.** (2014). Similarities between the islands of Fernando de Noronha (Brazil) and Easter Island (Chile): Tourism as a main source of income. Proceedings of the 10th International Small Islands Conference (ISIC10). (p.p. 10).
- Pierskalla, C., Cohen, S., and **Burns, R. C.** (2014). Dealing with uncertainty in land management planning: A case study analysis. Proceedings of the 2014 Society of American Foresters Convention. Salt Lake City, Utah. (online only).
- Popham, A., and **Burns, R.C.** (2014). Survey methodology: An examination of I-Pad versus paper surveys on the Umpqua National Forest. Proceedings of the 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (p.p. 4).
- Burns, R.C.**, (2013). Fostering internationalization through student exchanges in nature based recreation education. Proceedings of the 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (online only).
- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2013). Enabling legislation for parks and protected areas: A comparison between Germany/Austria, USA and Brazil. Proceedings of the 2013 Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (online only).
- Burns, R.C.**, Arnberger, A., von Ruschkowski, E., and Buta, N. (2013). Global aspects of natural resource planning. Proceedings of the 2013 Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (online only).
- Burns, R.C.** and Caplinger, C. (2013). North Umpqua, Oregon, USA, Percepções nos padrões de uso das trilhas para caminhada/ciclismo: Motivações, aglomeração, conflito e satisfação. Proceedings of the 2013 Brazil National Trails Conference. (pp 1247--1256). Rio de Janeiro, Brazil.

- Burns, R.C.**, Bergerson, T. (2013). The Oregon SCORP process: Targeting critical statewide resident needs. Proceedings of The 2013 National Recreation and Parks Association Symposium. (pp. 59). Houston, TX.
- Hendricks, W. W., Bricker, K.S., Whiting, J.W., and **Burns, R. C.** (2013). Contemporary SCORP surveys: Perspectives from California, Georgia and Oregon. Book of Abstracts from the National Recreation and Park Association: 2013 Leisure Research Symposium, (online). Houston, TX.
- Franchina, R., Absher, J., **Burns, R. C.**, and Emerick, M. N. (2013). US Forest Service special use permitting; linking social indicators and administrative needs for commercial uses. Proceedings of the 2013 Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (online only).
- Kainzinger, S., **Burns, R. C.**, and Arnberger, A. (2013). Intra-activity conflict analysis: Boating on the North Umpqua Wild and Scenic River (Oregon, USA). Proceedings of the 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (online only).
- Kainzinger, S., **Burns, R. C.**, and Arnberger, A. (in press). Setting and crowding preferences of boaters and anglers on the North Umpqua Wild and Scenic River, OR. Proceedings of the 25th Northeastern Recreation Research Symposium (NERR) 2013. Cooperstown, NY. (in press).
- Lischka, A., von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, and Fish, T. Internationalizing Academic Training in Parks and Protected Area Management. Proceedings of The 19th International Symposium on Society and Resource Management, 2013. Estes Park, Co. (online only).
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2013). Innovations and internationalization in parks and protected area education and training: Part I. Proceedings of the 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (online only).
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2013). Innovations and internationalization in parks and protected area education and training: Part II. Proceedings of the 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (online only).
- von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, and Fish, T. (2013). Internationalizing academic training in parks and protected area management through the EU's ERASMUS programme. Proceedings of the 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (online only).
- Absher, J., and **Burns, R.C.** (2012). Legal, social and policy entanglements of commercial services for Wilderness in the west. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada.
- Burns, R.C.** (2012). A qualitative examination of youth and outdoor recreation in Oregon. Proceedings of The 15th European Forum on Urban Forestry. (pp. 22, Online only). Leipzig, Germany.
- Burns, R.C.** (2012). A comparison of 5 western US Wild and Scenic River users: Trip characteristics, opinions and satisfaction levels. Proceedings of the 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (pp.294). Stockholm, Sweden.
- Burns, R.C.**, and von Ruschkowski. (2012). Mount Saint Helens National Volcanic Monument recreation use: An analysis and discussion of visitor use perceptions, patterns and management implications. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada..
- Burns, R.C.**, Huang, H.H., and Li, C.L. (2012). Examining socio-demographics, activities, satisfaction and value differences between Taiwan and US Forest Service recreation visitors. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada.

- Li, C. L., **Burns, R.C.**, and Chick, G. (2012). Exploring recreation pattern differences among Taiwanese Hoklos and Hakkas and Anglo-Americans. Proceedings of the 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (pp.52). Stockholm, Sweden.
- Li, C. L., Wang, C.Y., **Burns, R.C.**, and Chick, G. (2012). Cross-cultural models of customer services: The case of Taiwan and U.S. forest recreation visitors. Proceedings of the 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (pp.386). Stockholm, Sweden.
- Riley, C., **Burns, R.C.**, Pierskalla, C., Smaldone, D., Graefe, A., and Williams, S. (2012). Understanding off-highway vehicle recreationists in the Oregon Dunes/Sand Lake recreation area: A trend study. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada
- Riley, C., **Burns, R.C.** Graefe, A., Pierskalla, C., Smaldone, D., and, Williams, S. (2012). An assessment of off-highway vehicle user satisfaction, crowding and conflict at Oregon Dunes/Sand Lake recreation areas: A ten year trend study. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada.
- von Ruschkowski, E., **Burns, R.C.**, and Arnberger, A. (2012). Recreational use and visitor motivations at Torfhaus visitor area in Harz National Park, Germany. Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada.
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2012). Climate change, recreation versus conservation, renewable energies, and public involvement: Challenges for the management of parks, forests and protected areas Proceedings of The 18th International Symposium on Society and Resource Management. (Online only). Edmonton, Alberta, Canada.
- von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, Elands, B., and Salasova, A. (2012). Internationalizing academic training in parks and protected area management through the EU's ERASMUS programme. Proceedings of the 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (pp.394). Stockholm, Sweden.
- von Ruschkowski, E., Arnberger, A., and **Burns, R.C.** (2012). Recreational use and visitor motivations at Torfhaus visitor area in Harz National Park, Germany. Proceedings of the 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (pp.36). Stockholm, Sweden.
- Absher, J., **Burns, R.C.**, and Smaldone, D. (2011). The “need” for commercial outfitters and guides: Social, legal and definitional challenges to Wilderness or river management. Proceedings of The 17th International Symposium on Society and Resource Management. (pp. 39, Online only). Madison, Wisconsin.
- Burns, R.C.** and, Arnberger, A. (2011). Federal land use in the USA and Austria: Differences, similarities and suggested actions. The 17th International Symposium on Society and Resource Management. Madison, Wisconsin. (oral presentation) Jun 4—8th. Proceedings of The 17th International Symposium on Society and Resource Management. (pp. 44, Online only). Madison, Wisconsin.
- Burns, R.C.** and, Wade, J. (2011). Building a Sustainable Community of Whitewater River Rafting Outfitter Guide Companies: Challenges and Successes of a Collaborative Planning Process. Proceedings of The 14th European Forum on Urban Forestry. (pp. 28, Online only). Glasgow, Scotland.
- Burns, R.C.** and, Graefe, A. (2011). Anglers and tourists: User group variation in the Columbia River Gorge, USA. In T. D. Beard, R. Arlinghaus and S. G. Sutton (comp., ed.), The 6th World Recreational Fishing Conference. (pp. 134—135). Berlin, Germany. www.afsbooks.org

- Burns, R.C.** and, Graefe, A. (2011). US Forest Service special use permits: Linking social indicators with needs assessments. The 91st Society of American Foresters Symposium. (oral presentation) Honolulu, Hawaii. November 2—6th.
- Burns, R.C.** and, Arnberger, A. (2011). Differences in Values between US and Austrian Park and Protected Area Managers: A Qualitative Study. Abstracts of the 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. (pp.125). New Orleans, Louisiana.
- Rom, F. and **Burns, R.C.** (2011). Exploring cultural differences in landscape preferences: Differences between Austrian and United States visitors. The 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. Abstracts of the 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. (pp.126). New Orleans, Louisiana.
- Von Ruschkowski, E. and **Burns, R.C.** (2011). Harz National Park, Germany: Inventorying and identifying social issues. Abstracts of the 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. (pp.125). New Orleans, Louisiana.
- Absher, J., English, B.K., and **Burns, R.C.** (2010). Customer service metrics as a basis for segmentation of forest recreationists. In M. Goosen, B. Elands & R. van Marwick (comp., ed.), Proceedings from The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. (pp. 61—62). Wageningen, The Netherlands.
- Arnberger, A., Eder, E., Alex, B., Sterl, P., and **Burns, R.C.**, (2010). Exploring relationships between visitor motives, satisfaction, recreation quality and attitudes towards protected area management in the Gesaeuse National Park, Austria. In M. Goosen, B. Elands & R. van Marwick (comp., ed.), Proceedings from The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. (pp. 63—64). Wageningen, The Netherlands.
- Burns, R.C.**, Graefe, A., and Absher, J. (2010). Segmenting US Forest recreationists: River users, front country users and wilderness users. In M. Goosen, B. Elands & R. van Marwick (comp., ed.), Proceedings from The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. (pp. 65—66). Wageningen, The Netherlands.
- Burns, R.C.**, Graefe, A., and Covelli, E. (2010). Urban forest interface on US Forest Service lands: Mount Baker-Snoqualmie National Forest, Washington, USA. Proceedings of The 13th European Forum on Urban Forestry: Urban people Meet Urban Forests. (Online only). Tulln, Austria (pp. 15).
- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2010). A synthesis of US, Austrian and German social carrying capacity methods and implications. Proceedings of The 16th International Symposium on Society and Resource Management. (Online only). Corpus Christi, Texas.
- Capozzi, S., Bass, J., **Burns, R. C.** and Graefe, A. (2010). Social and resource monitoring. The River Management Society and National Association of Recreation Resource Planners (NARRP) Symposium. Portland, Oregon.
- Meybin, J., **Burns, R.C.**, Graefe, A., and Absher, J. (2010). Constraints and benefits of changing the distribution process for recreation special use permits in the US Forest Service. Proceedings of the 2009 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NRS-P-66. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 285 p. Online only. Bolton Landing, NY.
- Shrestha, S. and **Burns, R.C.**, (2010). Efficacy of theory of planned behavior in predicting big game hunting intentions and behavior. Proceedings of The 16th International Symposium on Society and Resource Management. (Online only). Corpus Christi, Texas.
- Shrestha, S. and **Burns, R.C.**, (2010). Hunting intentions and behavior of Oregon hunters: Integrating constraints in the theory of planned behavior model. Proceedings of The 2010 Pathways to Success 2010 Conference: Integrating Human Dimensions into Fish & Wildlife Management. (Online only).

- Burns, R.C.** (2009). Constraints and motivations and experience in forest recreation settings: Case study on Mount Baker-Snoqualmie National Forest. Book of Abstracts from the 2009 Leisure, Recreation and Tourism Research Symposium International Forum. National Chi Nan University, Taiwan.
- Burns, R.C.** (2009). The role of fees and revenue in forest recreation settings. Book of Abstracts from the 2009 International Conference of Natural Environment and Healthy Benefits. Taipei, Taiwan.
- Burns, R. C.** (2009). Recreation benefits for people with disabilities when participating in winter sport activities. Proceedings of the 15th International Symposium on Society and Resource Management. Vienna, Austria.
- Burns, R.C.,** and Graefe, A. (2009). Special use permit usage changes: Year one results. Association of Outdoor Recreation and Education (AORE). Minneapolis, MN.
- Burns, R.C.,** and Graefe, A. (2009). Measuring recreation use. National Association of Recreation Resource Planners (NARRP). Pittsburgh, PA.
- Burns, R.C.,** Meybin, J., Graefe, A., Absher, J., Frayer, C., and Heilman, M. (2009). Addressing federal recreation special use permit policy changes with National Visitor Use Monitoring data. Book of Abstracts from the 2009 George Wright Society Biennial Conference on Parks, Protected Areas and Cultural Sites. Portland, OR.
- Covelli, E., Graefe, A., and **Burns, R.C.** (2009). Social values and interpersonal conflict: A comparative study of two winter recreation areas. Book of Abstracts from the 2009 National Recreation and Park Association. Salt Lake City, Utah.
- Shrestha, S. and **Burns, R.C.** (2009). Understanding visitors' intentions to visit state parks: An application of the theory of planned behavior. Book of Abstracts from the 2009 George Wright Society Biennial Conference on Parks, Protected Areas and Cultural Sites. Portland, OR.
- Shrestha, S., **Burns, R.C.,** Graefe, A., and Gaydos, K. (2009). Visitor use patterns and satisfaction along the Rogue-Umpqua Scenic Byway, Oregon. Proceedings of the 2008 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NRS-P-42. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 356 p. Online only.
- Burns, R.C.,** Graefe, A., and English, D. (2008). Visitor measuring and monitoring challenges on remote national forests: The case of Alaska, USA. In S. Raschi & S. Trampitti (comp., ed.), Proceedings of the Fourth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, (pp. 134—135). Montecatini Terme, Italy. Pacini Editore Industrie Grafiche.
- Burns, R.C.,** Bergerson, T., and Lindberg, K. (2008). Outdoor recreation: The changing face of the future. Book of Abstracts from the 2008 National Recreation and Park Association. Baltimore, MD.
- Burns, R. C.,** and Graefe, A. (2008). Trend data at Diamond Lake, Oregon: Four summers of users' recreation experience between 2001--2007. Proceedings of the 14th International Symposium on Society and Resource Management. Burlington, Vermont. URL: http://www.issrm2008.org/abstractdisp_popup.php?useprikey=Y&prikey=248&id=250. Burlington, Vermont.
- Covelli, E., Graefe, A., and **Burns, R.C.** (2008). Behavioral and social value determinants of conflict intensity in winter recreation at Diamond Lake. Proceedings of the 14th International Symposium on Society and Resource Management. Burlington, Vermont. URL: http://www.issrm2008.org/abstractdisp_popup.php?useprikey=Y&prikey=541&id=289. Burlington, Vermont.
- Robinson, K., **Burns, R.,** Pierskalla, C., Graefe, A., and Lindberg, K. (2008). The influence of facilities and services on older adults' outdoor recreation participation intentions. Proceedings of the 14th International Symposium on Society and Resource Management. URL: http://www.issrm2008.org/abstractdisp_popup.php?useprikey=Y&prikey=257&id=321. Burlington, Vermont.

- Robinson, K., **Burns, R. C.**, Pierskalla, C. and Graefe, A. (2008). An aging population: relationships between socio-demographics, motivations and participation. Proceedings of the 2007 Northeastern Recreation Research Symposium. General Technical Report Gen. Tech. Rep. NRS-P-23. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 310 p.
- Covelli, E., **Burns, R.**, Graefe, A., and Dong, E. (2007). Perceived constraints by non-traditional users on the Mt. Baker-Snoqualmie National Forest. Proceedings of the 2006 Northeastern Recreation Research Symposium. General Technical Report NRS-P-14; (pp 422-429). Bolton Landing, NY. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 613 p.
- Lee, B., **Burns, R.**, and Graefe, A. (2007). An exploratory study of outdoor recreation participation among families with children under sixteen years old. Proceedings of the 2006 Northeastern Recreation Research Symposium. General Technical Report NRS-P-14; (pp 335-341). Bolton Landing, NY. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 613 p.
- Robinson, K., **Burns, R.**, and Graefe, A. (2007). Recreation fees: Attitudes and perceptions of Region 6 Forest Service employees in recreation positions and non-recreation positions. Proceedings of the 2006 Northeastern Recreation Research Symposium. General Technical Report NRS-P-14; (pp 170-175). Bolton Landing, NY. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 613 p.
- Burns, R.**, Graefe, A., and Frayer, C. (2007) Relationship monitoring: Benefits of developing a relationship between the U.S. Forest Service and a consortium of universities. In Kruger, Linda E.; Mazza, Rhonda; Lawrence, Kelly, (comp., ed.), Proceedings: national workshop on recreation research and management, (pp. 93—96). Gen. Tech. Rep. PNW-GTR-698. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 230 p.
- Covelli, E., Graefe, A., and **Burns, R.** (2007). A re-examination of constraints negotiation models for forest recreation. Book of Abstracts from the National Recreation and Park Association: 2007 Leisure Research Symposium (pp. 45). Indianapolis, IN.
- Absher, J., Graefe, A., and **Burns, R.** (2006). Monitoring public reactions to the US Forest Service recreation fee program. In S. Siegrist, C. Clivaz, M. Hunziker & S. Iten (comp., ed.), Proceedings of the Third International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, (pp. 50—52). University of Applied Sciences, Rapperswil, Switzerland.
- Burns, R.**, and Graefe, A. (2006). Outdoor Recreationists in Oregon and Washington: A Comparison of Recreationists' Perceptions of Experience Satisfaction Across Two US Pacific Northwest States. In S. Siegrist, C. Clivaz, M. Hunziker & S. Iten (comp., ed.), Proceedings of the Third International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, (pp. 52—55). University of Applied Sciences, Rapperswil, Switzerland.
- Covelli, E.A., **Burns, R.C.**, and Graefe, A.R. (2006) Recreation patterns at Lava Lands Recreation Area, Newberry National Volcanic Monument. Proceedings of the 2005 Northeastern Recreation Research Symposium. NE-341; (pp 387-392). Bolton Landing, NY. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Burns, R.**, Graefe, A., and Kil, S. (2005). Recreation Use at Diamond Lake, Oregon: Perceptions of Users' Recreation Experience between 2001 and 2003. In: Bricker, Kelly, comp., ed. 2005. Proceedings of the 2004 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NE-326 (pp. 139-144). Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Graefe, A., and **Burns, R.** (2005). Interpersonal and social value conflict among winter recreationists at Diamond Lake. In Proceedings of the 11th International Symposium on Society and Resource Management. Ostersund, Sweden. (pp. 15).

- Lee, B., Graefe, A.G., and **Burns, R.C.** (2005). Place attachment as a mediator variable in understanding outdoor recreation participation. Book of Abstracts from the National Recreation and Park Association: 2005 Leisure Research Symposium (pp. 56). San Antonio, TX.
- Lee, B., Graefe, A.G., and **Burns, R.C.** (2005). Older adults: A unique market for the Columbia River Gorge National Scenic Area? In: Murdy, J., comp., ed. 2004. Proceedings of the 2003 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NE-317 (pp 435—439). Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Wickham, T.; Graefe, A.; **Burns, R.**, Mueller, T. (2005). The influence of distance and visitor perceptions of security on perceived management problems among New England. In: Bricker, Kelly, comp., ed. 2005. Proceedings of the 2004 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NE-326 (pp 224-230). Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Burns, R.**, and Graefe, A. (2004). Understanding differences between motorized and non-motorized watercraft users at Waldo lake, Oregon. Abstract Proceedings of the 10th International Symposium on Society and Resource Management. Keystone, CO.
- Burns, R.**, and Graefe, A. (2004). Diamond Lake recreation use: Perceptions of users' recreation experience across user segments. Book of Abstracts from the Fourth Social Aspects and Recreation Research Symposium. (pp. 32). San Francisco, CA.
- Graefe, A., **Burns, R.**, and Thorpe, L. (2004). Monitoring public opinion of the Pacific Northwest recreation fee program. Book of Abstracts from the Fourth Social Aspects and Recreation Research Symposium. (pp. 36). San Francisco, CA.
- Nyaupane, G., Graefe, A.G., and **Burns, R.C.** (2004). The role of equity in understanding public attitudes toward recreation fees. Abstract Proceedings of the 10th International Symposium on Society and Resource Management (pp. 255). Keystone, CO.
- Wickham, T.; Graefe, A.; and **Burns, R.** (2004). Consumptive attitudes and customer satisfaction perceptions among New England anglers. In: Murdy, J., comp., ed. 2004. Proceedings of the 2003 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NE-317 (pp 67—72). Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Nyaupane, G., Graefe, A.G., and **Burns, R.C.** (2004). Does distance matter? Differences in characteristics, behaviors, and attitudes of visitors based on travel distance. In: Murdy, J., comp., ed. 2004. Proceedings of the 2003 Northeastern Recreation Research Symposium. Gen. Tech. Rep. NE-317 (pp 74—81). Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Absher, J., Graefe, A., and **Burns, R.** (2003). A methodological comparison of customer service analysis techniques. Proceedings of the 2002 Northeastern Recreation Research Symposium; Bolton Landing, NY. (pp.41-45). Gen. Tech. Rep. NE-302. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Nyaupane, G., Graefe, A.G., and **Burns, R.C.** (2003). Place attachment as a mediator variable in understanding outdoor recreation participation. Book of Abstracts from the National Recreation and Park Association: 2003 Leisure Research Symposium (pp. 45). Saint Louis, Missouri.
- Wickham, T. Graefe, A. and, **Burns, R.C.** (2003). Customer service and overall satisfaction with angling experiences . In Proceedings of the 2002 Northeastern Recreation Research Symposium; Bolton Landing,

- NY. (pp.47-51). Gen. Tech. Rep. NE-302. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Bacon, J., Graefe, A., Kyle, G., Lee, R., and **Burns, R.** (2002). I never hike alone: Security along the Appalachian Trail. Abstract Proceedings of the 9th International Symposium on Society and Resource Management (pp. 255). Bloomington, Indiana.
- Bacon, J., Manning, R., Graefe, A., Kyle, G., Lee, R., **Burns, R.**, Hennessy, R., and Gray, R. (2002). Security along the Appalachian Trail. Proceedings of the 2001 Northeastern Recreation Research Symposium; April 1-3; Bolton Landing, NY. (pp. 326-332). Gen. Tech. Rep. NE-289. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Burns, R.**, and Graefe, A. (2002). The Columbia River Gorge National Scenic Area: A comparison of visitor use patterns and characteristics across sites and activities. Proceedings of the 2002 International Symposium on Society and Resource Management (ISSRM): Global Challenges of Parks and Protected Area Management, (pp.14). La Maddalena, Italy.
- Burns, R.**, and Graefe, A. (2002). Segmentation of outdoor recreationists: A comparison of recreationists' perceptions of importance and satisfaction across activities. In A. Arnberger, C. Brandenburg, & A. Muhar (comp., ed.), Proceedings of the 2002 Monitoring and Management of Visitor Flows in Recreational and Protected Areas, (pp. 122-128). Institute for Landscape Architecture and Landscape Management, Bodenkultur University, Vienna, Austria.
- Burns, R.**, and Graefe, A. (2002). Recreationists in the Columbia River Gorge National Scenic Area: A survey of user characteristics, behaviors, and attitudes. Proceedings of the 2001 Northeastern Recreation Research Symposium; Bolton Landing, NY. (pp. 138-143). Gen. Tech. Rep. NE-289. Newton Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station.
- Graefe, A.**, and Burns, R. (2002). Outdoor recreation fees in Pacific Northwest Forests: Perceptions of Oregon and Washington residents. Proceedings of the 2002 International Symposium on Society and Resource Management (ISSRM): Global Challenges of Parks and Protected Area Management, (pp.29). La Maddalena, Italy.
- Lee, J., Graefe, A., and **Burns, R.** (2002). Factors contributing to satisfaction in forest recreation context. Abstract Proceedings of the 9th International Symposium on Society and Resource Management (pp. 96). Bloomington, Indiana.
- Li, C., Graefe, A., **Burns, R.**, and Zinn, H. (2002). The relationship between social group, motivation, place attachment, satisfaction, and past experience in forest recreation. Abstract Proceedings of the 9th International Symposium on Society and Resource Management (pp. 194). Bloomington, Indiana.
- Burns, R.**, Graefe, A., and Absher, J. (2001). A comparison of performance-only and importance-performance gap scores as predictors of recreational customer satisfaction. Book of Abstracts from the National Recreation and Park Association: 2001 Leisure Research Symposium, (pp. 83). Denver, Colorado.
- Graefe, A.R., Absher, J., and **Burns, R.C.** (2001). Monitoring visitor satisfaction: A comparison of comment cards and more in-depth surveys. In Proceedings of the 2000 Northeastern Recreation Research Symposium, (pp. 265-269). Radnor, PA, USDA Forest Service, Northeastern Forest Experiment Station, General Technical Report NE-276.
- Absher, J., **Burns, R.C.**, and Graefe, A.R. (2000). Improving recreational customer satisfaction: Focusing on communication and changes in quality of experience at US Army Corps of Engineers lakes. In Proceedings of the 1999 Northeastern Recreation Research Symposium, (pp. 72-74). Radnor, PA, USDA Forest Service, Northeastern Forest Experiment Station, General Technical Report NE-269.

- Burns, R.C.,** Lee, R.D., and Graefe, A.R. (2000). Visitor perceptions of personal security and crime at outdoor recreation areas: Contemporary issues at US Army Corps of Engineers lakes and along the Appalachian Trail. In Proceedings of the 1999 Northeastern Recreation Research Symposium, (pp. 186-189). Radnor, PA, USDA Forest Service, Northeastern Forest Experiment Station, General Technical Report NE-269.
- Burns, R.C.,** Graefe, A.R., and Absher, J. (1999). The relationship between importance of information and user characteristics at water-based recreation settings. In Proceedings of the Eighth International Symposium on Society and Resource Management: Transcending Boundaries—Natural Resource Management from Summit to Sea, (pp.46). Western Washington University, Bellingham, Washington.
- Burns, R.C.,** Graefe, A.R., Absher, J. and Titre, J (1999). Water-based recreationists' attitudes regarding customer satisfaction: Differences between selected market segments. In Proceedings of the 1998 Northeastern Recreation Research Symposium, (pp. 166-171). USDA Forest Service General Technical Report NE-255, Radnor, PA: Northeastern Forest Experiment Station.
- Burns, R.C.,** Graefe, A.R., and Titre, J. (1998). Customer satisfaction at US Army Corps of Engineers-administered lakes: A compilation of two years of performance data. In Proceedings of the 1997 Northeastern Recreation Research Symposium, (pp. 12-13). Radnor, PA, USDA Forest Service, Northeastern Forest Experiment Station, General Technical Report NE 241.
- Graefe, A. R., **Burns, R. C.**, Absher, J., and Titre, J. (1998). Differences in customer service perceptions among distinct water-based recreation user groups. Proceedings of the Seventh International Symposium on Society and Resource Management, (pp.210). Columbia, MO.
- Burns, R.C.,** Graefe, A.R., and Titre, J. (1997). An assessment of customer satisfaction at a US Army Corps of Engineers water-based recreation area: The case of Lake Sakakawea, North Dakota. In Proceedings of the 1996 Northeastern Recreation Research Symposium, (pp. 72-76). USDA Forest Service General Technical Report NE-232, Radnor, PA: Northeastern Forest Experiment Station.
- Burns, R.C.,** Graefe, A.R., and Titre, J. (1997). US Army Corps of Engineers national customer satisfaction initiative: Results and processes of year one of a three-year effort. Book of Abstracts from the National Recreation and Park Association: 1997 Leisure Research Symposium, (pp.32). (Salt Lake City, Utah.
- Burns, R.C.,** Graefe, A.R., and Titre, J. (1996). Developing a customer satisfaction “report card” for U.S. Army Corps of Engineers water-based recreation areas. The Sixth International Symposium on Society and Resource Management, (pp.141). Penn State University, State College, Pennsylvania.

Management/Technical Reports

- Deng, J., **Burns, R. C.**, & Smaldone, D. (2018). Injuries in West Virginia Commercial Whitewater Rafting (2011-2016). Submitted to West Virginia Division of Natural Resources on behalf of WV Whitewater Commission, 26 pages.
- Moreira, J. C., **Burns, R. C.** & Bueno, J. J. F. (2018). A Satisfação Do Visitante Na Floresta Nacional Do Tapajos – Analise Das Questoes Abertas.
- Moreira, J. C., **Burns, R. C.** & Bueno, J. J. F. (2018). A Satisfação Do Visitante No Parque Nacional De Anavilhanas (Am) – Analise Das Questoes Abertas.
- Burns, R. C.**, Moreira, J. C. (2018). 2a Oficina De Monitoramento da Visitação Em Areas Protegidas: O Número De Visitantes.
- Burns, R.C.,** Moreira, J.C., Chuprinko, T. (2017). Tapajós Flona Recreation Survey-Final Report, Submitted to USDA Forest Service, 26 pages.

- Burns, R.C.,** Moreira, J.C., Chuprinko, T. (2017). Visitor Center (CAT) Survey in Alter Do Chão, Submitted to USDA Forest Service, 24 pages.
- Burns, R.C.,** Moreira, J.C., Chuprinko, T. (2017). Anavilhanas National Park Recreation Survey – Final Report, Submitted to USDA Forest Service, 42 pages.
- Burns, R.C.,** and Moreira, J.C. (2015). 2013 Brazil Visitor Use Monitoring (interim report), 157 pages.
- Burns, R.C.,** and Kainzinger, S. (2014). 2013 Deschutes National Forest River Study. Submitted to USDA Forest Service, Region 6, Umpqua National Forest, 40 pages.
- Burns, R.C.,** Chuprinko, T., and Highsmith, J. (2014). 2012 White River National Forest Battle Mountain/Elk Ridge Recreation Survey. Submitted to USDA Forest Service, Region 2, White River National Forest, 75 pages.
- Burns, R.C.,** Chuprinko, T., Caplinger, C., and Kainzinger, S. (2014). 2011-2013 Umpqua National Forest Recreation Survey. Submitted to USDA Forest Service, Region 6, Umpqua National Forest, 186 pages.
- Burns, R.C.,** Caplinger, C., and Chuprinko, T. (2013). 2012 Mount Baker-Snoqualmie National Forest Alternative Transportation Summer Survey. Submitted to USDA Forest Service, Region 6, Mount Baker-Snoqualmie National Forest, 78 pages.
- Burns, R.C.,** Chuprinko, T., and Shrestha, S. (2013). Columbia River Gorge Meta-Analysis: A spatial and temporal examination of outdoor recreation. Submitted to USDA Forest Service, Region 6, 132 pages.
- Burns, R.C.,** Caplinger, C., and Chuprinko, T. (2013). 2012-2013 Mount Baker-Snoqualmie National Forest Alternative Transportation Winter Survey. Submitted to USDA Forest Service, Region 6, Mount Baker-Snoqualmie National Forest, 55 pages.
- Burns, R.C.** and Chuprinko, T. (2013). 2013 Mount Baker-Snoqualmie National Forest Alternative Transportation Focus Group Interviews. Submitted to USDA Forest Service, Region 6, Mount Baker-Snoqualmie National Forest, 19 pages.
- Burns, R.C.** and Chuprinko, T. (2012). Deschutes and Willamette National Forest Wilderness recreation use study. Submitted to USDA Forest Service, Region 6, Deschutes and Willamette National Forests, 70 pages.
- Burns, R.C.** and Chuprinko, T. (2012). 2011 Black Hills National Forest recreation use study. Submitted to USDA Forest Service, Region 2, Black Hills National Forest, Custer, South Dakota, 77 pages.
- Burns, R.C.** and Chuprinko, T., and Highsmith, J. (2012). 2011 Mount Saint Helens National Volcanic Monument Visitor Use Study. Submitted to USDA Forest Service, Region 6, Gifford Pinchot National Forest, 67 pages.
- Burns, R.C.** (2011). Columbia River Gorge Vital Signs Indicators Resident and Visitor Study. Submitted Columbia River Gorge Commission, 74 pages.
- Burns, R.C.** (2011). Sitka National Forest Recreation Use Study. Submitted to USDA Forest Service, Independent Resources, 61 pages.
- Burns, R.C.** (2011). 2009-2010 Mount Baker-Snoqualmie National Forest recreation use study. Submitted to USDA Forest Service, Region 6, Mount Baker-Snoqualmie National Forest, Everett, Washington, 96 pages.
- Burns, R.C.** and Chuprinko, T. (2011). 2010 Mount Baker-Snoqualmie National Forest recreational mountaineering study. Submitted to USDA Forest Service, Region 6, Mount Baker-Snoqualmie National Forest, Everett, Washington, 72 pages.

- Burns, R.C.** and Graefe, A. (2011). 2010 Black Hills National Forest recreation use study. Submitted to USDA Forest Service, Region 2, Black Hills National Forest, Custer, South Dakota, 56 pages.
- Burns, R.C.** and Graefe, A. (2011). Eastern Oregon off highway use on the Malheur, Umatilla, and Wallowa-Whitman National Forests. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 14 pages.
- Burns, R.C.**, Graefe, A., and Woodruff, S. (2011). Characteristics of eastern Oregon hunters on the Malheur, Umatilla, and Wallowa-Whitman National Forests. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 101 pages.
- Burns, R.C.**, Graefe, A., and Chuprinko, T. (2011). 2010 Mount Hood National Forest recreational mountaineering study: An evaluation of use patterns. Submitted to USDA Forest Service, Region 6, Mount Hood National Forest, Sandy, Oregon, 72 pages.
- Burns, R.C.**, Smaldone, D., Absher, J., and Mestrovic, A. (2011). 2010 Klamath River recreation use study: An evaluation of river use patterns. Submitted to USDA Forest Service, Region 5, Klamath National Forest, Sonora, California, 63 pages.
- Burns, R.C.**, Smaldone, D., Absher, J., and Mestrovic, A. (2011). 2010 Region 5 Wilderness recreation use study: An evaluation of Wilderness use for the Stanislaus National Forest. Submitted to USDA Forest Service, Region 5, Stanislaus National Forest, Sonora, California, 89 pages.
- Burns, R.C.** and Wade, J. (2011). Taylor Canyon climbing outfitter and guide needs assessment and capacity analysis: 2011. Submitted to USDA Forest Service, Region 2, Grand Mesa, Uncompahgre and Gunnison National Forests, Gunnison, Colorado, 21 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2010). 2009 Grand Ronde River recreation use study: An evaluation of river use patterns. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 50 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2010). 2009 White Salmon Wild and Scenic River recreation use study: An evaluation of river use patterns. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 106 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2010). 2009 Strawberry Mountain and Monument Rock Wilderness recreation use study: An evaluation of Wilderness use patterns. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 50 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2010). 2009 Grand Mesa, Uncompahgre and Gunnison National Forests: Taylor Park Recreation Use Study. Submitted to USDA Forest Service, Region 2, Golden, Colorado, 106 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2010). 2009 Hells Canyon National Recreation Area: Recreation Use Study. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 77 pages.
- Burns, R.C.**, Graefe, A., Robinson, K. and Woodruff, S. (2009). 2009 Okanogan-Wenatchee NF recreation use study: A comparison of Pasayten and Lake Chelan-Sawtooth Wilderness use patterns. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 89 pages.
- Burns, R.C.**, Graefe, A., Woodruff, S., and Robinson, K. (2009). 2008 Central Oregon off-highway vehicle use study: Use patterns at Millican Valley (BLM) and Deschutes-Ochoco NF. Submitted to Bureau of Land Management, Prineville District, Prineville, Oregon, 27 pages.
- Burns, R.C.**, Graefe, A., and Woodruff, S. (2009). 2008 Central Oregon off-highway vehicle use study: A survey of characteristics, behaviors and perceptions. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 44 pages.

- Graefe, A., and **Burns, R.** (2009). Visitor use on the Rogue-Umpqua Scenic Byway: A survey of characteristics, behaviors and perceptions. Report for USDA Forest Service, Region 6, Umpqua National Forest, Roseburg, OR, 35 pages.
- Burns, R.**, and Graefe, A. (2008). Recreation at Diamond Lake: A longitudinal examination of user characteristics, behaviors, and attitudes between 2001—2003—2007. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 91 pages.
- Burns, R.** and Gaydos, K. (2007). Coopers Rock State Forest recreation use study. Report submitted to the WV Division of Forestry, 77 pages.
- Burns, R.**, Autry, C., and Graefe, A. (2007). Youth focus group interviews: Oregon statewide comprehensive outdoor recreation plan (SCORP). Submitted to Oregon Parks and Recreation Department, Salem, Oregon, 14 pages.
- Burns, R.**, Graefe, A., Covelli, E., and Dong, E. (2007). Summer 2005 Mount Baker-Snoqualmie NF recreation use study: An examination of constraint and negotiation strategies by traditional and non-traditional users. Report for USDA Forest Service, Region 6, Portland, OR, 52 pages.
- Graefe, A., and **Burns, R.** (2007). Review of national visitor use monitoring (NVUM) in US Forest Service Region 10 (Alaska). Report for USDA Forest Service, Region 6, Portland, OR, 35 pages.
- Burns, R.**, Graefe, A., and Covelli, E. (2006). Racial/Ethnic minority focus group interviews: Oregon SCORP. Submitted to Oregon Parks and Recreation Department, Salem, Oregon, 11 pages.
- Burns, R.**, and Graefe, A. (2006). Oregon Dunes National Recreation Area off highway use study. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 50 pages.
- Burns, R.**, and Graefe, A. (2006). Region 6 recreation comment card analysis: October 2006. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 21 pages.
- Burns, R.**, Graefe, A., and Covelli, E. (2005). Winter use recreationists at the Diamond Lake Area: A survey of characteristics, behaviors and perceptions. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 44 pages.
- Burns, R.**, Graefe, A., Ayres, E., and Robinson, K. (2004). Recreation at Diamond Lake: An examination of user characteristics, behaviors, and attitudes between 2001—2003. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 80 pages.
- Burns, R.**, Graefe, A., Ayres, E., and Robinson, K. (2004). Recreation at Waldo Lake: An examination of user characteristics, behaviors, and attitudes. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 46 pages.
- Burns, R.**, Graefe, A., Ayres, E., and Robinson, K. (2004). The role national forests in central Oregon: Results of four focus group interviews. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 39 pages.
- Burns, R.**, Graefe, A., Robinson, K. (2004). Evaluation of Pacific Northwest Recreation Fee Program Sites. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 28 pages.
- Burns, R.**, House, M., McCarty, C., Graefe, A., and Bright, L. (2003). Region 6 Golden Passport benefits focus group analysis: Spring 2003. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 11 pages.

- Burns, R.,** Graefe, A., Robinson, K., and Lee, J. (2003). Evaluation of the Pacific Northwest recreation fee program: Portland metropolitan area survey. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 26 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2003). Recreationists on the Deschutes National Forest: User characteristics, behaviors, and attitudes of Lavalands National Volcanic Monument. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 16 pages.
- Burns, R.,** Graefe, A., and Ayres, E. (2003). Region 6 recreation comment card analysis: February 2003. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 14 pages.
- Burns, R.,** Graefe, A., and Farmer, S. (2003). Ochoco National Forest recreation survey results. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 15 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). Recreationists on the Willamette National Forest: User characteristics, behaviors, and attitudes of the Santiam Pass recreation areas. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 22 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). Recreationists on the Umpqua National Forest: A survey of user characteristics, behaviors, and attitudes. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 62 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). User characteristics, behaviors, and attitudes of Diamond Lake and South Umpqua river corridor users, Umpqua National Forest. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 45 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). An examination of the Pacific Northwest region recreation fee program. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 132 pages.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). Region 6 employee survey on the Pacific Northwest region recreation fee program. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 32 pages.
- Burns, R.,** Graefe, A., and Suau, L. (2002). Evaluation of the Pacific Northwest region recreation fee exchange program. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 18 pages.
- Burns, R.C.,** and Graefe, R. (2002). Recreationists on the Umpqua National Forest: National visitor use monitoring results. Report submitted to the USDA Forest Service, Region 6, Portland, Oregon.
- Graefe, A., **Burns, R.,** Robinson, K., and Lee, J. (2002). Recreationists on the Siuslaw National Forest: Crowding and conflict at the Oregon Dunes National Recreation Area. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 25 pages.
- Graefe, A., **Burns, R.,** Robinson, K., and Nyaupane, G. (2002). Recreationists on the Gifford Pinchot National Forest: A survey of user characteristics, behaviors, and attitudes. Submitted to USDA Forest Service, Region 6, Portland, Oregon, 84 pages.
- Graefe, A.R., **Burns, R.C.,** and Robinson, K.F. (2001). Recreationists in the Columbia River Gorge National Scenic Area: National visitor use monitoring results. Report submitted to the USDA Forest Service, Region 6, Portland, Oregon.

- Graefe, A., Wickham, T., and **Burns, R.** (2001). Anglers in the New England District: A survey of user characteristics, behaviors, and attitudes. Report submitted to the US Army Corps of Engineers Waterways Experiment Station, Vicksburg MS.
- Graefe, A.R., **Burns, R.C.**, Absher, J., and Titre, J. (1999). Nationwide US Army Corps of Engineers Recreational Customer Satisfaction Survey (Volumes 1-11) Report for US Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS.
- Graefe, A.R., **Burns, R.C.**, Wickham, T.D., and Titre, J. (1999). US Army Corps of Engineers Huntington District Recreational Customer Satisfaction Survey (Volumes 1-4) Report for US Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS.
- Graefe, A.R., and **Burns, R.C.** (1998). Bonneville Lock and Dam 1997-1998 Visitor Use Study, US Army Corps of Engineers, Report for US Army Corps of Engineers, Portland District, Portland, OR.
- Burns, R.C.**, Graefe, A.R., and Absher, J. (1997). A Literature Review of Customer Satisfaction and Service Quality Theories and Methods for Resource-based Recreation. Report prepared under Cooperative Agreement PSW-97-0016CA, Pacific Southwest Research Station, USDA Forest Service, Riverside, CA.
- Burns, R.C.**, and Graefe, A.R. (1997). Customer Satisfaction Survey Instructional Kit for Managers. Report for US Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS.
- Burns, R.C.**, Graefe, A.R., Thapa, B., and Titre, J. (1997). Customer Satisfaction Analysis at Gavins Point Project, South Dakota: Management Report for US Army Corps of Engineers, Omaha District, Omaha, NE.
- Burns, R.C.**, Graefe, A.R., Thapa, B., and Titre, J. (1997). Customer Satisfaction Analysis at Fort Randall Project, South Dakota: Management Report for US Army Corps of Engineers, Omaha District, Omaha, NE.
- Titre, J., **Burns, R.C.**, and Vogel, J.J. (1997). Developing a Road Map to Address Customer Needs. In US Army Corps of Engineers RECNOTES, Vicksburg, MS., Vol. R-97-1, pp. 5-8.
- Burns, R.C.**, and Titre, J. (1996). Customer Satisfaction Analysis at Lake Sakakawea, North Dakota, Management Report for US Army Corps of Engineers, Omaha District, Omaha, NE.
- Titre, J., Vogel, J.J., DeMoss, T., and **Burns, R.C.** (1996). National Customer Satisfaction Comment Card Results for Corps of Engineers Projects: Year 1. In US Army Corps of Engineers Natural Resources Technical Note REC-01, Vicksburg, MS.

PROFESSIONAL PRESENTATIONS

Conference and Symposia

- Allen, M and **Burns, R.C.** (2019, April). Recreation displacement at Diamond Lake, Oregon. The 31st National Environment and Recreation Research Symposium (NERR). Annapolis, MD (oral presentation).
- Burns, R.C.** (2019, April). Visitor use monitoring & management in & around federal aquatic sanctuaries and parks. The 31st National Environment and Recreation Research Symposium (NERR). Annapolis, MD (management roundtable).
- Janowicz, and **Burns, R.C.** (2019, April). Preliminary results from the WVU Appalachian GeoSTEMCamp. (NERR). Annapolis, MD (oral presentation).
- Albach, V., Moreira, J. C., and **Burns, R.C.** (2018, August). Methodological proposal for the analysis of the 'online reputation' of protected areas. 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV). Bordeaux, France (poster presentation).
- Brock, J.C., Carter, M.W., **Burns, R.C.**, Bunse, E.G., Palaseanu—Lovejoy, M., Blake, M., Guala, G., Leveque, J., Nugent, B.L., Ashton, K.C., Britton, J.Q., Harlan, N.H., and Marketti, M. (2018, November).

Lessons Learned from the Inaugural WVU—USGS Appalachian Geoscience GEOCAMP. The Geological Society of America Annual Meeting. Indianapolis, IN (oral presentation).

- Burns, R.C.** (2018, August). Development of a systematic visitor monitoring program for Brazil Parks and Protected Areas. 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV). Bordeaux, France (poster presentation).
- Burns, R.C.** and Moreira, J.C. (2018, April). Appalachian Geopark: Operationalizing a UNESCO process in West Virginia. The 30th National Environment and Recreation Research Symposium (NERR). Annapolis, MD (oral presentation).
- Burns, R.C.** (2018, April). Benchmarking best management practices: Brazil Amazon Region. The 30th National Environment and Recreation Research Symposium (NERR). Annapolis, MD (oral presentation).
- Burns, R.C.** (2018, December). Outdoor Recreation Visitor Monitoring: Pacific Northwest USA Case Study. First International Conference on China National Parks and Outdoor Recreation. Shanghai, China (oral presentation).
- Burns, R.C.** (2018, August). Use of various types of data in decision-making: a transportation case study in Seattle, Washington, USA. 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV). Bordeaux, France (oral presentation).
- Burns, R.C.** (2018, August). Use of game cameras and interviews to monitor visitors: is there crowding in the Iguazu National Park – Brazil?. 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV). Bordeaux, France (oral presentation).
- Leveque, J., and **Burns, R.C.** (2018, April). Comparing behaviors and attitudes towards water quality in West Virginia. The 30th National Environment and Recreation Research Symposium (NERR). Annapolis, MD (oral presentation).
- Moreira, J.C., **Burns, R.C.**, and Guedes de Carvalho, K. (2018, August). Use of game cameras and interviews to monitor visitors: Is there crowding in the Iguazu National Park – Brazil?. 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV). Bordeaux, France (oral presentation).
- Burns, R.**, Moreira, J.C., Robison, D., Schaney, M. (2017, October). US geopark heritage: rivers, rail, karst, coal, and people at the Appalachian Geopark of West Virginia. The 2017 Geological Society of America Conference. Seattle, WA. (oral presentation).
- Burns, R.C.**, Schuler, J., Zegre, N., and Fernandez, R. (2017, November). 45 years of climate data: Results and interpretation from the WVU Research Forest. The 2017 Society of American Foresters (SAF) Conference. Albuquerque, NM. (poster presentation).
- Burns, R.C.**, Moreira, J.C., do Vale, T.F., Gregory, L.C., Carvalho, K.G.. (2017, October). O Monitoramento Dos Visitantes Em Unidades de Conservação: Estudo de Caso do Parque Nacional de Anavilhanas. IX Seminário de Pesquisa E IX Encontro de Iniciação Científica ICMBIO- 10 Anos de Aprendizado Em Pesquisa Para A Conservação. Ponta Grossa, Brazil. (poster presentation).
- Burns, R.C.**, Moreira, J.C., Robison, D. (2017, October). The Appalachian Geopark aspiring project, West Virginia, USA: Rivers, rail, caves, coal, and people. 14th Conference of European Geoparks. Ponta Delgada, Azores, PT. (oral presentation).
- Burns, R.C.**, Moreira, J.C. (2017, September). Geosites located in geoparks: Methodologies to avoid public use impacts. 14th Conference of European Geoparks. Ponta Delgada, Azores, PT. (oral presentation).

- Burns, R.C.**, Moreira, J.C. (2017, September). Brazil park and protected area management: Tapajós National Forest Case Study. 125th Anniversary Congress of the IUFRO. Freiburg, Germany. (oral presentation).
- Leveque, J., and **Burns, R.** (2017, November). Water quality impacts on outdoor recreation in a heavily forested state: West Virginia. The 2017 Society of American Foresters (SAF) Conference. Albuquerque, NM. (oral presentation).
- Leveque, J., and **Burns, R.** (2017, October). Identifying key issues in water quality perceptions in Northern West Virginia. The 2017 Mid-Atlantic Water Resources Conference. Shepherdstown, WV. (oral presentation).
- Leveque, J., and **Burns, R.** (2017, June). Drinking water quality perceptions: Developing a structural equation modeling approach in Morgantown, WV. The meeting of the 23rd International Symposium on Society and Resource Management (ISSRM). Umeå, Sweden. (oral presentation).
- Leveque, J., and **Burns, R.** (2017, June). Meet the editors. The meeting of the 23rd International Symposium on Society and Resource Management (ISSRM). Umeå, Sweden. (roundtable session).
- Leveque, J., and **Burns, R.** (2017, April). Water quality perceptions in Monongalia County, West Virginia: Does gender matter? The 1st National Environment and Recreation Research Symposium (NERR). Annapolis, MD (oral presentation).
- Leveque, J., and **Burns, R.** (2017, February). Water quality perceptions in Morgantown, West Virginia: Does gender matter? The meeting of the 2017 Spring Symposium of the Institute for Water Security and Science (IWSS), Morgantown, WV (poster presentation).
- Moreira, J.C., do Vale, T.F., Folman, A.C., Maio, C.A., Albach, V., **Burns, R.C.** (2017, October). A Percepção Do Visitante Sobre Os Meios Interpretativos Do Parque Estadual De Vila Velha (PR). Universidade Estadual De Ponta Grossa Pró-Reitoria de Extensão E Assuntos Culturais. Ponta Grossa, Brazil. (poster presentation).
- Ribeiro, J., Moreira, J., **Burns, R.C.**. (October, 2017). Parque Estadual De Vila Velha (Pr) E A Percepção Dos Visitantes Em Relação Aos Aspectos Da Geodiversidade. Anais IV Simpósio Brasileiro de Patrimônio Geológico e II Encontro Luso-Brasileiro de Patrimônio Geomorfológico e Geoconservação. Ponta Grossa, Brazil. (oral presentation).
- Burns, R.C.**, and Kainzinger, S. International Management of Parks and Protected Areas: Austria, Germany, Brazil and the Caribbean. Research Roundtable session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Burns, R. C.** (2015, June). Partnership case studies at parks and protected areas from an international perspective. George Wright Symposium. Organized research session.
- Burns, R. C.**, (2015, April). Using Data in Recreation Management: The White Salmon River Case Study. Oral session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Burns, R. C.**, (2015, April). Finding Common Ground: Synergies in Ecotourism and Outdoor Recreation Research. Research Roundtable session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Brede, K., Kainzinger, S., **Burns, R.C.**, von Ruschkowski, E., Arnberger, A. (2015, April). International students' perceptions of a US-based outdoor recreation research internship experience. Poster session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.

- Pierskalla, C., Golston, J., Richardson, B, and **Burns, R. C.**, (2015, April). Lessons Learned from the Amazon Trails: A Best Management Benchmarking Study. Oral session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Popham, A., and **Burns, R. C.**, (2015, April). Methodological Considerations when Determining if Recreational Use is Appropriate: Multiple Layers of Jurisdiction on a Wild and Scenic River. Oral session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Kainzinger, S., **Burns, R.C.**, Arnberger, A. (2015, June). A transatlantic examination of whitewater boaters' place attachment and recreation specialization. The meeting of the 21st International Symposium on Society and Resource Management (ISSRM), Charleston, SC (oral presentation).
- Kainzinger, S., Arnberger, A., **Burns, R.C.** (2015, April). Comparing whitewater boaters' preferences for social, physical and managerial factors in low and high use settings. Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD, (oral presentation).
- Kainzinger, S., **Burns, R.C.**, Arnberger, A. (2015, April). Evaluation of a whitewater recreation management system in Austria. Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD, (oral presentation).
- Leveque, J., **Burns, R.C.**, Kainzinger, S. (2015, April). Crowding perceptions of private boaters and associated management implications on the Lower Youghiogheny River at Ohiopyle State Park (PA) Poster session presented at the meeting of the Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD.
- Leveque, J., **Burns, R.C.**, Arnberger, A., Kainzinger, S. (2015, April). Private boaters monitoring on the Lower Youghiogheny River at Ohiopyle State Park (PA). Joint 2015 Society of Outdoor Recreation Professionals (SORP) Conferences and 27th Northeastern Recreation Research Symposium (NERR), Annapolis, MD, (oral presentation).
- Burns, R.C.** (2014). Recreation trail users: The case of the Umpqua National Forest. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Burns, R.C.**, (2014). Alternate transportation preferences on Mount Baker-Snoqualmie National Forest, Washington, USA. The 18th International Symposium on Society and Resource Management. Hannover, Germany. (oral presentation) June 9—13th.
- Burns, R. C.** (2014). A successful recreational angling management program: Spatial zoning of the North Umpqua River. The 7th World Recreational Fishing Conference. Campinas, Brazil. (oral presentation) September 1—4, 2014.
- Burns, R.C.**, Graefe, A., Vaske, J., Manning, R., and Arnberger, A. (2014). Crowding measurement in outdoor recreation: Toward a situational decision-making process. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Burns, R. C.**, and Moreira, J.C. (2014). Recreation monitoring in Brazil conservation units: a preliminary examination of trip characteristics, opinions, crowding, and satisfaction levels. The 7th Monitoring and Management of Visitors in Recreational and Protected Areas Conference. Tallinn, Estonia. (oral presentation) August 20--23, 2014.
- Burns, R. C.**, and Moreira, J.C. (2014). The Columbia River Gorge: A geopark by any other name. The 6th International GeoParks Conference. Saint John, New Brunswick, Canada. (oral presentation) September 19--22, 2014.

- Burns, R. C.**, Moreira, J.C., Zelmer, H., von Ruschkowski, E., Arnberger, A. (2014). Community awareness of Geopark Harz-BraunschweigerLand-Ostfalen. The 6th International GeoParks Conference. Saint John, New Brunswick, Canada. (poster presentation) September 19--22, 2014.
- Burns, R. C.**, Moreira, J.C., and Carvelho, F. (2014). Community awareness of Geopark Harz-BraunschweigerLand-Ostfalen. The 2014 Society of American Foresters Convention. Salt Lake City, Utah. (oral presentation) October 8--11, 2014.
- Burns, R.C.**, Sanford, P., and Absher, J. (2014). Access to Public Lands. Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, San Francisco, CA. (oral presentation) May 13—16.
- Gomes da Silva, C., and **Burns, R.C.** (2014). Understanding willingness to pay for outdoor recreation access. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Graefe, A., and **Burns, R. C.** (2014). Oregon Dunes National Recreation Area, USA: A trend examination of trip characteristics, crowding and satisfaction levels (2002, 2006. And 2011). The 7th Monitoring and Management of Visitors in Recreational and Protected Areas
- Kainzinger, S., Arnberger, A., and **Burns, R.C.**, (2014). A multivariate approach for understanding whitewater recreationists' preferences for management issues, social and setting factors. The 18th International Symposium on Society and Resource Management. Hannover, Germany. (oral presentation) June 9—13th.
- Kainzinger, Silvia, Arnberger, A., and **Burns, R.C.** (2014). Rivers users' perceptions of trip experience, perceived crowding and conflict on the North Umpqua Wild and Scenic River. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Leveque, J., and **Burns, R.C.** (2014). Mount Baker-Snoqualmie National Forest winter alternative transportation study. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Moreira, J., and **Burns, R.C.** (2014). Similarities between the islands of Fernando de Noronha (Brazil) and Easter Island (Chile): Tourism as a main source of income. Proceedings of the 10th International Small Islands Conference (ISIC10). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Pierskalla, C., Cohen, S., and **Burns, R. C.** (2014). Dealing with uncertainty in land management planning: A case study analysis. The 2014 Society of American Foresters Convention. Salt Lake City, Utah. (oral presentation) October 8--11, 2014.
- Popham, A., and **Burns, R.C.** (2014). Survey methodology: An examination of I-Pad versus paper surveys on the Umpqua National Forest. The 26th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 8th.
- Burns, R.C.**, (2013). Fostering internationalization through student exchanges in nature based recreation education. 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites in Denver, CO. (oral presentation) March 12—15.
- Burns, R.C.** (2013). Understanding differences in parks and protected areas between Brazil, the US, and central Europe. IUFRO Conference: Protected areas and place making: How do we provide conservation, landscape management, tourism, human health and regional development? Foz du Iguacu, Brazil (oral presentation) April 21—26.
- Burns, R.C.**, (2013). Wild & scenic river recreation use. The 25th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 7—April 9th.

- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2013). Enabling legislation for parks and protected areas: A comparison between Germany/Austria, USA and Brazil. Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (oral presentation) May 20—23
- Burns, R.C.**, Arnberger, A., von Ruschkowski, E., and Buta, N. (2013). Global aspects of natural resource planning. Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (oral presentation) May 20—23.
- Burns, R.C.**, Moreira, J. C., and von Ruschkowski, E. (2013). Building natural resource capacity through benchmarking: A Brazil case study. The Society of American Foresters. Charleston, SC. (oral presentation by Thomas Fish) October 23—27th.
- Burns, R.C.**, Graefe, A., Mowen, A., and Pierskalla, C. (2013). Impacts of natural gas development on outdoor recreation and visitor use/experience. The Society of American Foresters. Charleston, SC. (oral presentation by Chad Pierskalla) October 23—27th.
- Burns, R.C.** and Caplinger, C. (2013). North Umpqua, Oregon, USA, Percepções nos padrões de uso das trilhas para caminhada/ciclismo: Motivações, aglomeração, conflito e satisfação. Brazil National Trails Conference. Rio de Janeiro. (oral presentation) October 16—18.
- Burns, R.C.**, Bergerson, T. (2013). The Oregon SCORP process: Targeting critical statewide resident needs. In educational session: Contemporary SCORP surveys: Perspectives from California, Georgia, and Oregon. The National Recreation and Parks Association. Houston, TX. (oral presentation by Alan Graefe) October 8—10th.
- Caplinger, C., and **Burns, R.C.** (2013). An analysis of recreation user perceptions: Crowding, conflict, & satisfaction at Diamond Lake, OR. The 25th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 7—April 9th.
- Franchina, R., Absher, J., **Burns, R. C.**, and Emerick, M. N. (2013). US Forest Service special use permitting: linking social indicators and administrative needs for commercial uses. Society of Outdoor Recreation Planners (SORP) National Outdoor Recreation Conference, Traverse City, Michigan (oral presentation) May 20—23.
- Kainzinger, S., **Burns, R. C.**, and Arnberger, A. (2013). Intra-activity conflict analysis: Boating on the North Umpqua Wild and Scenic River (Oregon, USA). 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites in Denver, CO. (oral presentation) March 12—15.
- Kainzinger, S., **Burns, R.C.**, Arnberger, A. (2013, March). Crowding and Conflict on the North Umpqua Wild and Scenic River, OR. 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, CO. (oral presentation).
- Kainzinger, S., **Burns, R. C.**, and Arnberger, A. (2013). Setting and crowding preferences of boaters and anglers on the North Umpqua Wild and Scenic River, OR. The 25th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 7—April 9th.
- Kainzinger, S., **Burns, R.C.**, Arnberger, A. (2013, May). Crowding and Conflict on the North Umpqua Wild and Scenic River, OR. Joint 2013 Society of Outdoor Recreation Professionals (SORP) Conferences and 2nd IUFRO Conference on Forest for People (FFP), Traverse City, MI. (oral presentation).
- Lischka, A., von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, and Fish, T. Internationalizing Academic Training in Parks and Protected Area Management. The 19th International Symposium on Society and Resource Management. Estes Park, Co. (oral presentation) June 4—8th.
- McKenney, K., Smaldone, D., **Burns, R. C.**, and Selin, S. (2013). Rock climbing in the New River Gorge: Attitudes of climbers toward cliff resource management. The 25th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (poster presentation) April 7—April 9th.

- Riley, C., **Burns, R.C.**, Graefe, A., Pierskalla, C., Smaldone, D., Williams, S., and Maumbe, K. (2013). Exploring the impact of an alcohol ban on off-highway vehicle recreationists in the Oregon Dunes NRA. The 25th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 7—April 9th.
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2013). Innovations and internationalization in parks and protected area education and training: Part I. 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites in Denver, CO. (oral presentation) March 12—15.
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2013). Innovations and internationalization in parks and protected area education and training: Part II. 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites in Denver, CO. (oral presentation) March 12—15.
- von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, and Fish, T. (2013). Internationalizing academic training in parks and protected area management through the EU's ERASMUS programme. 2013 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites in Denver, CO. (oral presentation) March 12—15.
- Absher, J. and **Burns, R.C.** (2012). Debating the need for outfitters/guides in Federal Wilderness. 2012 Society of American Foresters Symposium. (oral presentation) Spokane, WA. Oct 26-27th.
- Absher, J. and **Burns, R.C.** (2012). Honing in on the concept of 'need' in USDA Forest Service Wilderness areas. 2012 National Association of Recreation Resource Planners (NARRP) Symposium. (oral presentation) Baton Rouge, La. April 16—19th.
- Arnberger, A., **Burns, R.C.**, Buta, N., and Von Ruschkowski, E. (2012). Engaging Stakeholders through Social Sciences: International Case Studies in Parks and Protected Areas. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 10th.
- Absher, J. and **Burns, R.C.** (2012). Legal, social and policy entanglements of commercial services for wilderness and river recreation in the West. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.
- Burns, R.C.** (2012). Off Highway Vehicle Use in Oregon/Washington. 2012 Society of American Foresters Symposium. (panel discussion and oral presentation) Spokane, WA. Oct 26-27th.
- Burns, R.C.** (2012). A comparison of 5 western US Wild and Scenic River users: Trip characteristics, opinions and satisfaction levels. Stockholm, Sweden. (oral presentation) August 22-25th.
- Burns, R.C.**, and Shrestha, S. (2012). The influence of harvesting game and hunting satisfaction on hunting participation: An Eastern Oregon case study. Breckenridge, CO. (oral presentation) Sep 26—Sep 28th.
- Burns, R.C.** and Wade, J. (2012). Planning for recreation special permit management using social science research findings. 2012 National Association of Recreation Resource Planners (NARRP) Symposium. (oral presentation) Baton Rouge, La. April 16—19th.
- Burns, R.C.** (2012). Youth recreation participation in Oregon, USA: A comparison of urban and non-urban perceptions. The 15th European Forum on Urban Forestry. (oral presentation) Leipzig, Germany. May 8—11th.
- Burns, R.C.** (2012). US Wilderness areas and outfitter guide services: Needed or nice to have? IUFRO Forests for People Symposium. (oral presentation) Alpbach, Austria. May 22—26th.
- Burns, R.C.**, and von Ruschkowski. (2012). Mount Saint Helens National Volcanic Monument recreation use: An analysis and discussion of visitor use perceptions, patterns and management implications. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.

- Burns, R.C.**, Huang, H.H., and Li, C.L. (2012). Examining socio-demographics, activities, satisfaction and value differences between Taiwan and US Forest Service recreation visitors. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.
- Caplinger, C. and **Burns, R.C.** (2012). Crowding and conflict: A case study within the Black Hills National Forest. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (poster presentation) April 6—April 10th.
- Chang, G., & Burns, R. (2012). Wilderness recreation as a gateway to active living: the pattern of activity participation and motivation at wildernesses in Deschutes and Willamette National Forests. Presented at the OAHPERD (Oklahoma Association for Health, Physical Education, Recreation, and Dance) 2012 Convention. Edmond, Oklahoma. (poster presentation) October 22nd.
- Chuprinko, T., **Burns, R.C.** and English, D.K. (2012). Spatial analysis of recreation visitors on Region 6 Pacific Northwest national forests. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 10th.
- Chuprinko, T. and **Burns, R.C.** (2012). Motivations of mountaineers on Mount Baker and Mount Hood. 2012 National Association of Recreation Resource Planners (NARRP) Symposium. (oral presentation) Baton Rouge, La. April 16—19th.
- Ferguson, M. and **Burns, R.C.** (2012). Market segmentation and satisfaction at the Timberline Lodge recreation complex. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 10th.
- Ferguson, M. and **Burns, R.C.** (2012). A study of the Timberline Recreation Complex, Mount Hood. Oregon: Using social science data in cross-activity management. 2012 National Association of Recreation Resource Planners (NARRP) Symposium. (oral presentation) Baton Rouge, La. April 16—19th.
- Highsmith, J. and **Burns, R.C.** (2012). Understanding off-highway vehicle recreationists in the Oregon Dunes/Sand Lake recreation area: 2011. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (poster presentation) April 6—April 10th.
- Huang, H., Li, C., and **Burns, R.C.** (2012). Examining Socio-demographics, Activities, Satisfaction and Value Differences between Taiwan and U.S. Forest Service Recreation Visitors. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.
- Li, C. L., **Burns, R.C.**, and Chick, G. (2012). Exploring recreation pattern differences among Taiwanese Hoklos and Hakkas and Anglo-Americans. Stockholm, Sweden. (oral presentation) August 22-25th.
- Li, C. L., Wang, C.Y., **Burns, R.C.**, and Chick, G. (2012). Cross-cultural models of customer services: The case of Taiwan and U.S. forest recreation visitors. Stockholm, Sweden. (oral presentation) August 22-25th.
- Riley, C., **Burns, R.C.**, Pierskalla, C., Smaldone, D., Graefe, A., and Williams, S. (2012). Understanding off-highway vehicle recreationists in the Oregon Dunes/Sand Lake recreation area: 2011. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 10th.
- Riley, C., **Burns, R.C.**, Pierskalla, C., Smaldone, D., Graefe, A., and Williams, S. (2012). Understanding off-highway vehicle recreationists in the Oregon Dunes/Sand Lake recreation area: A trend study. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.

- Thorpe, L., Franchina, R., and **Burns, R.C.** (2012). Recreation sustainability. 2012 National Association of Recreation Resource Planners (NARRP) Symposium. (oral presentation) Baton Rouge, La. April 16—19th.
- von Ruschkowski, E., Arnberger, A., **Burns, R.C.**, Elands, B., and Salasova, A. (2012). Internationalizing academic training in parks and protected area management through the EU's ERASMUS programme. Stockholm, Sweden. (oral presentation) August 22-25th.
- von Ruschkowski, E., Arnberger, A., and **Burns, R.C.** (2012). Recreational use and visitor motivations at Torfhaus visitor area in Harz National Park, Germany. Stockholm, Sweden. (oral presentation) August 22-25th.
- von Ruschkowski, E., Arnberger, A., and **Burns, R.C.** (2012). Recreational use and visitor motivations at Torfhaus visitor area in Harz National Park, Germany. The 24th Northeastern Recreation Research Symposium (NERR). Cooperstown, NY. (oral presentation) April 6—April 10th.
- von Ruschkowski, E., **Burns, R.C.**, Walton, A., and Fish, T. (2012). Going abroad: Global challenges and international collaborative networks. The 2012 CESU Biennial National Meeting. Washington, DC. (oral presentation) June 12—14th.
- von Ruschkowski, E., **Burns, R.C.**, and Arnberger, A. (2012). Recreational use and visitor motivations at Torfhaus visitor area in Harz National Park, Germany. The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (oral presentation) June 17—21th.
- von Ruschkowski, E., **Burns, R.C.**, and Fish, T. (2012). Climate change, recreation versus conservation, renewable energies, and public involvement: Challenges for the management of parks, forests and protected areas The 18th International Symposium on Society and Resource Management. Edmonton, Alberta, Canada. (organized session, non-paper panel discussion) June 17—21th.
- von Ruschkowski, E., **Burns, R.C.**, Arnberger, A., and Fish, T. (2012). Internationalizing Academic Training in Parks and Protected Area Management through the EU's ERASMUS Programme. Breckenridge, CO. (oral presentation) Sep 26—Sep 28th.
- Absher, J., **Burns, R.C.**, and Smaldone, D. (2011). The “need” for commercial outfitters and guides: Social, legal and definitional challenges to Wilderness or river management. The 17th International Symposium on Society and Resource Management. Madison, Wisconsin. (oral presentation) Jun 4—8th.
- Burns, R.C.** and Arnberger, A. (2011). Federal land use in the USA and Austria: Differences, similarities and suggested actions. The 17th International Symposium on Society and Resource Management. Madison, Wisconsin. (oral presentation) Jun 4—8th.
- Burns, R.C.** and Wade, J. (2011). Building a Sustainable Community of Whitewater River Rafting Outfitter Guide Companies: Challenges and successes of a collaborative planning process. The 14th European Forum on Urban Forestry. (oral presentation) Glasgow, Scotland. May 31—Jun 4th.
- Burns, R.C.** and Graefe, A. (2011). Anglers and tourists: User group variation in the Columbia River Gorge, USA. The 6th World Recreational Fishing Conference. (oral presentation) Berlin, Germany. August 1—4th.
- Burns, R.C.** and Ferguson, M. D. (2011). Conflict and satisfaction of Klamath River users. 2011 National Association of Recreation Resource Planners (NARRP) Symposium. (poster presentation) Breckenridge, CO. May 23—26th.
- Burns, R.C.** and Graefe, A. (2011). US Forest Service special use permits: Linking social indicators with needs assessments. The 91st Society of American Foresters Symposium. (oral presentation) Honolulu, Hawaii. November 2—6th.

- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2011). An in-depth discussion about the differences in protected area management between the US and EU. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (panel discussion) April 6—April 10th.
- Burns, R.C.** and, Arnberger, A. (2011). Differences in Values between US and Austrian Park and Protected Area Managers: A Qualitative Study. The 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. New Orleans, Louisiana. (paper presentation). Mar 14—18th
- Chuprinko, T. and **Burns, R.C.** (2011). Motivations and perceptions of crowding and conflict: A comparison of recreational mountain climbers on Mt. Hood and Mt. Baker. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6—April 10th.
- Ferguson, M. and **Burns, R.C.** (2011). River users' motivations and perceptions of crowding, conflict and trip experience. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 6—April 10th.
- Mestrovic, A., **Burns, R.C.**, Smaldone, D., and Absher, J. (2011). Wilderness users' perceptions of crowding, conflict and trip experience. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 6—April 10th.
- Rom, F. and **Burns, R.C.** (2011). Exploring cultural differences in landscape preferences: Differences between Austrian and United States visitors. The 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. New Orleans, Louisiana. (paper presentation). Mar 14—18th.
- Selin, S., **Burns, R.C.**, and Thorpe, L. (2011). Developing more adaptive and collaborative approaches to outdoor recreation planning at the landscape-level: The case of the Columbia River Gorge National Scenic Area. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (panel discussion) April 6—April 10th.
- Shrestha, S. and **Burns, R.C.** (2011). Big game hunting in Oregon: Hunters' profile and hunting practices. The 23rd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6—April 10th.
- Von Ruschkowski, E. and **Burns, R.C.** (2011). Harz National Park, Germany: Inventorying and identifying social issues. The 2011 George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. New Orleans, Louisiana. (paper presentation). Mar 14—18th.
- Absher, J., **Burns, R.C.**, and English, B.K. (2010). Review and extension of importance-performance analysis in outdoor recreation visitor research. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) April 10—April 13th.
- Absher, J., English, B.K., and **Burns, R.C.** (2010). Customer service metrics as a basis for segmentation of forest recreationists. The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. Wageningen, The Netherlands (paper presentation). May 30—June 3rd.
- Arnberger, A., Eder, E., Alex, B., Sterl, P., and **Burns, R.C.**, (2010). Exploring relationships between visitor motives, satisfaction, recreation quality and attitudes towards protected area management in the Gesaeuse National Park, Austria. The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. Wageningen, The Netherlands (paper presentation). May 30—June 3rd.
- Burns, R.C.**, McNeel, J., and English, B.K. (2010). Developing and sustaining an international student-centered learning model. Cooperative Ecosystems Studies Unit Annual Meeting (CESU). Washington, D.C. (panel discussion) June 21—24th.

- Burns, R.C.**, Graefe, A., and Absher, J. (2010). Segmenting US Forest recreationists: Rier users, front country users and wilderness users. The Fifth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. Wageningen, The Netherlands (paper presentation). May 30—June 3rd.
- Burns, R.C.**, Graefe, A., and Covelli, E. (2010). Urban forest interface on US Forest Service lands: Mount Baker-Snoqualmie National Forest, Washington, USA. The 13th European Forum on Urban Forestry: Urban people Meet Urban Forests. Tulln, Austria. (paper presentation). May 25—29th.
- Burns, R.C.**, and Graefe, A. (2010). A comparison of perceptions and attitudes of commercially guided recreational users and private recreational users on the White Salmon River. Association of Outdoor Recreation and Education (AORE). Winter Park, Colorado. (paper presentation) November 11—13th.
- Burns, R.C.**, Arnberger, A., and von Ruschkowski, E. (2010). A synthesis of US, Austrian and German social carrying capacity methods and implications. The 16th International Symposium on Society and Resource Management. Corpus Christi, Texas. (paper presentation). June 6—10th.
- Burns, R.C.**, and Arnberger, A., and Meybin, J. (2010). International research and learning: Next steps. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (panel discussion) April 10—April 13th.
- Capozzi, S., Bass, J., Burns, R. C. and Graefe, A. (2010). Social and resource monitoring. The River Management Society and National Association of Recreation Resource Planners (NARRP) Symposium. Portland, Oregon. (panel discussion) May 18—May 20th.
- Chuprinko, T., **Burns, R.C.**, and Graefe, A. (2010). Wilderness users' motivations and perceptions of crowding, conflict and trip experience. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 10—April 13th.
- Cooper, R., Graefe, A., and **Burns, R.C.** (2010). Visitor experience on the White Salmon River: An examination of encounters, norms, and crowding. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 10—April 13th.
- Meybin, J., **Burns, R.C.**, Graefe, A., and Absher, J. (2010). A collective informed observation on public land visitor use regulation methods in Austria and USA. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) April 10—April 13th.
- Rom, F., Arnberger, A., and **Burns, R.C.** (2010). A comparison of landscape preferences and pro-environmental orientation between protected area visitors in Austria and USA. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) April 10—April 13th.
- Shrestha, S. and **Burns, R.C.**, (2010). Predicting big game hunting intentions and behavior: a survey of Oregon hunters. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) April 10—April 13th.
- Shrestha, S. and **Burns, R.C.**, (2010). Efficacy of theory of planned behavior in predicting big game hunting intentions and behavior. The 16th International Symposium on Society and Resource Management. Corpus Christi, Texas. (paper presentation). June 6—10th.
- Shrestha, S. and **Burns, R.C.**, (2010). Hunting intentions and behavior of Oregon hunters: Integrating constraints in the theory of planned behavior model. The 2010 Pathways to Success 2010 Conference: Integrating Human Dimensions into Fish & Wildlife Management. Estes Park, Colorado. (paper presentation). September 27—October 1st.

- Weaver, C., **Burns, R.C.**, and Graefe, A. (2010). An analysis of white-water rafters' perceptions of social carrying capacity variables. The 22nd Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 10—April 13th.
- Burns, R.C.**, and Graefe, A. (2009). Special use permit usage changes: Year one results. Association of Outdoor Recreation and Education (AORE). Minneapolis, MN. (oral presentation) November 5—7th.
- Burns, R.C.** (2009). Recreation benefits for people with disabilities when participating in winter sport activities. The 15th International Symposium on Society and Resource Management. Vienna, Austria. (oral presentation) July 5—8th.
- Burns, R.C.**, Selin, S., Arnberger, A., and von Ruschkowski, E. (2009). International natural resource based education: Developing a sustainable methodology of integrating teaching, research and service in a international setting. The 15th International Symposium on Society and Resource Management. Vienna, Austria. (oral presentation) July 5—8th.
- Burns, R.C.**, Meybin, J., Graefe, A., Absher, J., Frayer, C., and Heilman, M. (2009). Addressing federal recreation special use permit policy changes with National Visitor Use Monitoring data. George Wright Society, (paper presentation) Portland, Oregon, March 2nd.
- Burns, R.C.**, Meybin, J., Graefe, A., Absher, J., Frayer, C., and Heilman, M. (2009). Addressing federal recreation special use permit policy changes with National Visitor Use Monitoring data. National Association of Recreation Resource Planners (NARRP), (oral presentation). Pittsburgh, Pennsylvania, April 28th.
- Burns, R.C.**, Meybin, J., Graefe, A., Absher, J., Frayer, C., and Heilman, M. (2009). New permitting policies for special uses on public lands: A panel discussion to draw upon the thoughts of agency experts and AORE members. George Wright Society, (paper presentation) Portland, Oregon, March 2nd.
- Cooper, R., Graefe, A., and **Burns, R.C.** (2009). Examining the encounter-norm-crowding relationship on the lower White Salmon River in the state of Washington. The 21st Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Graefe, A. **Burns, R.C.**, and **Lillenthal, C.** (2009). Visitor use on the Rogue-Umpqua Scenic Byway: A survey of characteristics, behaviors and perceptions. National Scenic Byways Conference, (poster presentation). Denver, Colorado, August 24th.
- Graefe, A. and **Burns, R.C.** (2009). Measuring and Monitoring Recreation Visitor Use. National Association of Recreation Resource Planners (NARRP), (oral presentation). Pittsburgh, Pennsylvania, April 28th.
- Kautz, C., D'Agostin, S., **Burns, R.C.**, Meybin, J., and Graefe, A. (2009). Perceptions of Special Use Permit Respondents. National Association of Recreation Resource Planners (NARRP), (poster presentation). Pittsburgh, Pennsylvania, April 28th.
- Meybin, J., **Burns, R.C.**, and Graefe, A. (2009). US Forest Service Special Use Outfitter Guide Permits: Updating the Process. National Association of Recreation Resource Planners (NARRP), (poster presentation). Pittsburgh, Pennsylvania, April 28th.
- Meybin, J., **Burns, R.C.**, and Graefe, A. (2009). The federal land manager's constraints and benefits in implementing changes to the permit distribution process. The 21st Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Shrestha, S. and **Burns, R.C.**, (2009). Factors impacting intentions of state park visitation in Oregon along the Columbia River. The 21st Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.

- Shrestha, S. and **Burns, R.C.** (2009). Understanding visitors' intentions to visit state parks: An application of the theory of planned behavior. George Wright Society, (paper presentation) Portland, Oregon, March 2nd.
- Weaver, C. **Burns, R. C.**, and Yeager, R. (2009). Identifying Satisfaction at the West Virginia University Student Recreation Center . The 21st Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) March 30—April 1st.
- Yeager, R. and **Burns, R. C.** (2009). Leisure time and physical activity: Satisfaction, motivations, and constraints of campus recreation center participants. The 21st Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Burns, R.C.**, Meybin, J., Graefe, A., Absher, J., Frayer, C., and Heilman, M. (2008). New permitting policies for special uses on public lands: A panel discussion to draw upon the thoughts of agency experts and AORE members. Association of Outdoor Recreation and Education, AORE 2008 'A Climate for Change'- San Diego, (paper presentation) California, October 30-November 1st.
- Burns, R.C.**, Graefe, A., and English, D. (2008). Visitor measuring and monitoring challenges on remote national forests: The case of Alaska, USA. The Fourth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. Montecatini Terme, Italy (paper presentation) October 14—19.
- Burns, R.C.**, Bergerson, T., and Lindberg, K. (2008). Outdoor recreation: The changing face of the future. The National Recreation and Park Association: 2008 Leisure Research Symposium. Baltimore, MD. (education session) October 17.
- Graefe, A. and **Burns, R.** (2008). Angler perceptions and displacement behaviors related to changing biological conditions. Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management Increasing Human Capacity for Global Human-Wildlife Coexistence. Estes Park, Co. (paper presentation) September 30th.
- Burns, R. C.**, and Graefe, A. (2008). Trend data at Diamond Lake, Oregon: Four summers of users' recreation experience between 2001--2007. The 14th International Symposium on Society and Resource Management. Burlington, Vermont. (oral presentation) July 11—13th.
- Burns, R. C.** and Robinson, K. (2008). Interpretive recreation trail use by an aging population: Case study from Oregon, US. The Natur and Kultur Auf Dem Weg Symposium. Vienna, Austria. (oral presentation) April 25.
- Burns, R. C.**, and Arnberger, A. (2008). A trans-atlantic examination of forest recreation research on motivations, crowding, conflicts, and satisfaction: A comparison of methodologies. The 20th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Burns, R. C.**, Bergerson, T., Graefe, A., and Nelson, C. (2008). State Comprehensive Outdoor Recreation (SCORP) Implementation Process. The 20th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Burns, R. C.**, Gaydos, K., and Graefe, A. (2008). Diamond Lake recreation use: Perceptions of users' Recreation experience for 2001, 2003, & 2007. The 20th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Covelli, E., Graefe, A., and **Burns, R. C.** (2008). Behavioral and social value determinants of conflict intensity in winter recreation at Diamond Lake. The 14th International Symposium on Society and Resource Management. Burlington, Vermont. (oral presentation) July 11—13th.

- Robinson, K., **Burns, R. C.**, Pierskalla, C., Graefe, A., and Lindberg, K. (2008). The influence of facilities and services on older adults' outdoor recreation participation intentions. The 14th International Symposium on Society and Resource Management. Burlington, Vermont. (oral presentation) July 11—13th.
- Shrestha, S., **Burns, R.C.**, Graefe, A., and Gaydos, K. (2008). Visitor use along the Rogue-Umpqua Scenic Byway, Oregon. The 20th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) March 30—April 1st.
- Yeager, R., and **Burns, R. C.** (2008). Leisure time and physical activity: Satisfaction, motivations, and constraints of campus recreation center participants. The 20th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) March 30—April 1st.
- Gaydos, K., and **Burns, R.C.** (2008). Perceptions of hunters at Coopers Rock State Forest. The West Virginia Chapter of the Wildlife Society: 2008 Annual Spring meeting. Morgantown, WV. (poster presentation) February 22.
- Bricker, K., **Burns, R.C.**, Kyle, G.T., and Fosbender, J. (2007). Research and practice: Adding value through stakeholder involvement. The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (oral presentation) April 15—17th.
- Burns, R. C.**, and Graefe, A. (2007). Understanding differences between motorized and non-motorized winter users at Diamond Lake, Oregon. Society of American Foresters, Portland, OR. (paper presentation) October 26th.
- Burns, R. C.**, Lindberg, K., Bergerson, T., and Graefe, A., (2007). Oregon SCORP: An examination of youth, diversity, health, and the outdoor recreation in Oregon. Society of American Foresters, Portland, OR. (paper presentation) October 26th.
- Burns, R.**, Lindberg, K., Graefe, A, and Bergerson, T. (2007). Youth and the outdoors: An Oregon assessment. The 13th International Symposium on Society and Resource Management. Salt Lake City, NV. Salt Lake City, NV. (paper presentation) June 17--21.
- Covelli, E., Graefe, A, and **Burns, R.** (2007). A multiple-methods examination of ethnically/racially diverse recreation users' needs and constraints in the Pacific Northwest. The 13th International Symposium on Society and Resource Management. Salt Lake City, NV. (paper presentation) June 17--21.
- Covelli, E, Graefe, A., and **Burns, R.** (2007). A qualitative examination of ethnic/racial groups and outdoor recreation in the state of Oregon. The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 15—17th.
- Covelli, E., Graefe, A, and **Burns, R.** (2007). A re-examination of constraints negotiation models for forest recreation. The National Recreation and Park Association: 2007 Leisure Research Symposium. Indianapolis, IN. (paper presentation) September 25—29.
- Dong, E., Graefe, A., **Burns, R.**, and Covelli, E. (2007). Understanding interethnic variability of outdoor activities and leisure constraints among White, Black, Filipino, Chinese and Southeast Asians: A case study in Seattle metropolitan area. The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 15—17th.
- Gaydos, K., and **Burns, R.C.** Coopers Rock State Forest recreation use: Identifying how recreational users view facilities, trails, hunting opportunities, and climbing opportunities. (2007). The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 15—17th.
- Graefe, A, and **Burns, R.** (2007). Off-highway vehicle users' preferences for safety regulations at the Oregon Dunes National Recreation Area. Society of American Foresters, Portland, OR. (paper presentation) October 26th.

- Graefe, A, and **Burns, R.** Monitoring the visitor experience at the Oregon Dunes: A longitudinal study of perceptions and behavior. (2007). The 13th International Symposium on Society and Resource Management. Salt Lake City, NV. (paper presentation) June 17--21.
- Lindberg, K., **Burns, R.C.**, Graefe, A., and Bergerson, T. (2007). Boomers and pre-boomers: Recreation and migration. The 13th International Symposium on Society and Resource Management. Salt Lake City, NV. (paper presentation) June 17--21.
- Robinson, K., Pierskalla, C., **Burns, R.**, Graefe, A., and Lindberg, K. (2007). An aging population: Relationships between socio-demographics, motivations and participation. The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 15—17th.
- Shrestha, S., and **Burns, R.C.** Race and ethnicity use of national parks and activity preferences: some suggestions for future research management. (2007). The 19th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 15—17th.
- Absher, J., Graefe, A., and **Burns, R.** (2006). Monitoring public reactions to the US Forest Service recreation fee program. The Third International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. (paper presentation) September 13—17.
- Burns, R.**, and Graefe, A. (2006). Outdoor Recreationists in Oregon and Washington: A Comparison of Recreationists' Perceptions of Experience Satisfaction Across Two US Pacific Northwest States. The Third International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas. (paper presentation) September 13—17.
- Graefe, A, and **Burns, R.** (2006). Effects of income and other demographics on perceptions of affordability and reported visitation of US Pacific Northwest national forests. The 12th International Symposium on Society and Resource Management. Vancouver, B.C., Canada. (paper presentation) June 16--19.
- Burns, R.**, and Graefe, A. (2006). Attitudes concerning recreation fees in US Pacific Northwest national forests. The 12th International Symposium on Society and Resource Management. Vancouver, B.C., Canada. (paper presentation) June 16--19.
- Covelli, E., **Burns, R.**, and Graefe, A. (2006). Differences in constraint negotiation strategies employed by racial/ethnic minorities on the Mt. Baker-Snoqualmie National Forest. . The 12th International Symposium on Society and Resource Management. Vancouver, B.C., Canada. (paper presentation) June 16--19.
- Covelli, E., **Burns, R.**, Graefe, A., and Dong, E. (2006). Perceived constraints by non-traditional users on the Mt. Baker-Snoqualmie National Forest. The 18th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 9—11th.
- Lee, B., **Burns, R.**, and Graefe, A. (2006). An exploratory study of outdoor recreation participation among families with children under sixteen years old. The 18th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 9—11th.
- Millard, C., **Burns, R.**, and Graefe, A. (2006). Winter use recreationists at the Diamond Lake Area: A survey of characteristics behaviors and perceptions. The 18th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 9—11th.
- Robinson, K., **Burns, R.**, and Graefe, A. (2006). Recreation fees: Attitudes and perceptions of Region 6 Forest Service employees in recreation positions and non-recreation positions. The 18th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 9—11th.

- Bright, L., and **Burns, R.** (2005). Perceived benefits, constraints, and negotiation strategies of skiers and snowboarders with disabilities. The 17th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Burns, R.**, and Graefe, A. (2005). Understanding wildland recreationists' service quality indicators as predictors of overall service quality. The 11th International Symposium on Society and Resource Management. Ostersund, Sweden. (paper presentation) June 16--19.
- Burns, R.**, Graefe, A., and Robinson, K. (2005). USDA Forest Service recreation in region 6 (Oregon and Washington): motivations, satisfaction levels, and place-based perceptions. The 17th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Covelli, E., **Burns, R.**, and Graefe, A. (2005). Visitor use at Lavalands Recreation Area, Newberry National Volcanic Monument: Motives, trip characteristics, and satisfaction levels. The 17th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Farmer, S., and **Burns, R.** (2005). An examination of service quality indicators as a predictor of customer satisfaction for U.S. Forest Service recreationists. The 17th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Graefe, A. and **Burns, R.** (2005). Interpersonal and social value conflict among winter recreationists at Diamond Lake. The 11th International Symposium on Society and Resource Management. Ostersund, Sweden. (paper presentation) June 16--19.
- Lee, B., Graefe, A., and **Burns, R.** (2005). An exploration of older visitors' motivations for visiting natural areas. The National Recreation and Park Association: 2005 Leisure Research Symposium. San Antonio, TX. (paper presentation) October 18—22.
- Lee, B., Graefe, A., and **Burns, R.** (2005). An exploration of older visitors' motivations for visiting natural areas. The 11th International Symposium on Society and Resource Management. Ostersund, Sweden. (paper presentation) June 16--19.
- Lee, B., Graefe, A., and **Burns, R.** (2005). Growing numbers of older nature-based travelers: Are we ready for them? The 17th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Wickham, T, Graefe, A., **Burns, R.**, and Mueller, T. (2004). Distance and visitor perceptions of lakes influence on management preferences for New England anglers. The 16th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Burns, R.**, Graefe, A., and Kil, Nam-Yun. (2004). Diamond Lake recreation use: Perceptions of users' recreation experience between 2001-2003. The 16th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Burns, R.**, and Graefe, A. (2004). Understanding differences between motorized and non-motorized watercraft users at Waldo Lake, Oregon. The 10th International Symposium on Society and Resource Management. Keystone, CO. (paper presentation) June 2—6.
- Nyaupane, G., Graefe, A.G., and **Burns, R.C.** (2004). The role of equity in understanding public attitudes toward recreation fees. The 10th International Symposium on Society and Resource Management. Keystone, CO. (paper presentation) June 2—6.

- Lee, J., Graefe, A., and **Burns, R.** (2004). Attachment, involvement, quality, satisfaction, and future intention between overnight visitors and day users. The 10th International Symposium on Society and Resource Management. Keystone, CO. (paper presentation) June 2—6.
- Nyaupane, G., Graefe, A., and **Burns, R.** (2004). Public attitudes toward recreation use fees on federally managed lands. The 16th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Wickham, T, Graefe, A., **Burns, R.**, and Mueller, T. (2004). Distance and visitor perceptions of lakes influence on management preferences for New England anglers. The 16th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Burns, R.**, Graefe, A., and Kil, Nam-Yun. (2004). Diamond Lake recreation use: Perceptions of users' recreation experience between 2001-2003. The 16th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) March 28—30.
- Burns, R.**, and Graefe, A. (2004). Diamond Lake recreation use: Perceptions of users' recreation experience across user segments. The Fourth Social Aspects and Recreation Research Symposium. San Francisco, CA. (paper presentation). February 4—6.
- Graefe, A., **Burns, R.**, and Thorpe, L. (2004). Monitoring public opinion of the Pacific Northwest recreation fee program. The Fourth Social Aspects and Recreation Research Symposium. San Francisco, CA. (paper presentation). February 4—6.
- Kuhn, J., **Burns, R.**, Confer, J., and Graefe, A. (2004). Perceptions of environmental impacts between motorized and nonmotorized water-based recreationists at Waldo Lake, Oregon. The 2004 Southeastern Recreation Research Symposium. Charleston, South Carolina. (paper presentation) February 8—10.
- Lee, J., Graefe, A., and **Burns, R.** (2004). Factors contributing to loyalty in the context of forest recreation: a comparison between developed and less-developed sites. The 2004 Southeastern Recreation Research Symposium. Charleston, South Carolina. (paper presentation) February 8—10.
- Burns, R.**, Suau, L., and Graefe, A. (2003). Preliminary analysis of the Pacific North West region recreation fee exchange pilot program. The 15th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6-8.
- Jaggers, J., **Burns, R.**, and Graefe, A. (2003). Recreation participation by persons with disabilities: constraints from visiting Oregon/Washington national forests. The 15th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6-8.
- Lee, B, Graefe, A., and **Burns, R.** (2003). Analysis of demographic segmentation of local residents in the Columbia River Gorge National Scenic Area: a GIS approach to the potential park visitors. The Population Association of America (PAA). Minneapolis, MN. (poster presentation) May 1-3.
- Lee, B, Graefe, A., and **Burns, R.** (2003). Older population: A unique market for the Columbia River Gorge National Scenic Area? The 15th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 6-8.
- Nyaupane, G., Graefe, A.G., and **Burns, R.C.** (2003). Place attachment as a mediator variable in understanding outdoor recreation participation. The National Recreation and Park Association: 2003 Leisure Research Symposium, Saint Louis, Missouri. (paper presentation) October 22—25

- Nyaupane, G., Graefe, A., **Burns, R.** (2003). Does distance matter? Differences in characteristics, behaviors, and attitudes of recreationists based on travel distance. The 15th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6-8.
- Wickham, T, Graefe, A., and **Burns, R.** (2003). Consumptive attitudes and customer service perceptions among New England anglers. The 15th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 6-8.
- Absher, J., Graefe, A., and **Burns, R.** (2002). A methodological comparison of customer service analysis techniques. The 2002 Northeastern Recreation Research Symposium; Bolton Landing. (paper presentation) April 13—16.
- Bacon, J., Graefe, A., Kyle, G., Lee, R., and **Burns, R.** (2002). I never hike alone: Security along the Appalachian Trail. The 9th International Symposium on Society and Resource Management. Bloomington, Indiana. (paper presentation) June 2-5.
- Lee, J., Graefe, A., and **Burns, R.** (2002). Factors contributing to satisfaction in forest recreation context. The 9th International Symposium on Society and Resource Management. Bloomington, Indiana. (paper presentation) June 2-5.
- Burns, R.**, and Graefe, A. (2002). Monitoring recreation in the USFS Columbia River Gorge National Scenic Area: Analysis across sites and activities. The 2002 International Symposium on Society and Resource Management (ISSRM): Global Challenges of Parks and Protected Area Management. La Maddalena, Italy. (paper presentation) October 10-13.
- Burns, R.**, and Graefe, A. (2002). National forest use patterns in the Pacific Northwest: Preliminary analysis of fee-related issues. The 14th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 14-16.
- Burns, R.**, and Graefe, A. (2002). Segmentation of outdoor recreationists: A comparison of recreationists' perceptions of importance and satisfaction across activities. The 2002 Monitoring and Management of Visitor Flows in Recreational and Protected Areas. Vienna, Austria (paper presentation). January 30—February 2.
- Burns, R.** and Lee, R. (2002). State budgeting from 1970 through 2000 and state budget officers' demographics and characteristics. National Association of State Budgeting Officers 2002 Executive Training Session. San Francisco, CA. (paper presentation). January 21.
- Burns, R.** and Lee, R. (2002). Three decades of state budgeting: Survey results from 1970 through 2000. Association for Budgeting and Financial Management annual conference. Washington, DC. (paper presentation) February 17.
- Graefe, A., and **Burns, R.** (2002). Outdoor recreation fees in Pacific Northwest Forests: Perceptions of Oregon and Washington residents. The 2002 International Symposium on Society and Resource Management (ISSRM): Global Challenges of Parks and Protected Area Management. La Maddalena, Italy. (paper presentation) October 10-13.
- Graefe, A., Lee, B., and **Burns, R.** (2002). GIS Analysis of family leisure market segments for the Columbia River Gorge National Scenic Area. The 14th (2002) Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (poster presentation) April 14-16.

- Graefe, A. R., Absher, J., and **R. C. Burns**. (2002). Customer service and overall satisfaction with angling experiences. The 14th (2002) Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation)
- Harper, J., **Burns, R.**, and Graefe, A. (2002). Satisfaction of recreation users on the Gifford and Umpqua National Forests: Segmentation by user groups. The Southeastern Recreation Research Symposium (paper presentation). Athens, Georgia. (paper presentation)
- Lee, J., **Burns, R.**, and Graefe, A. (2002). Outdoor recreation participation and perceived service quality between campers and non-campers. The 14th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 14-16.
- Lee, R. and **Burns, R.** (2002). A preliminary analysis of state budget directors' demographics and characteristics. Association for Budgeting and Financial Management annual conference. Washington, DC. (paper presentation)
- Li, C., Graefe, A., **Burns, R.**, and Zinn, H. (2002). The relationship between social group, motivation, place attachment, satisfaction, and past experience in forest recreation. The 9th International Symposium on Society and Resource Management. Bloomington, Indiana. (paper presentation) June 2-5.
- Li, C., Graefe, A., Zinn, H., and **Burns, R.** (2002). Level of experience and visitor satisfaction in forest recreation. The 14th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (paper presentation) April 14-16.
- Bacon, J., Manning, R., Graefe, A., Kyle, G., Lee, R., **Burns, R.**, Hennessy, R., and Gray, R. (2001). Security along the Appalachian Trail. The 2001 Northeastern Recreation Research Symposium; Bolton Landing, NY. (paper presentation)
- Burns, R.**, Graefe, A., and Absher, J. (2001). A comparison of performance-only and importance-performance gap scores as predictors of recreational customer satisfaction. The National Recreation and Park Association: Leisure Research Symposium. Denver, Colorado. (paper presentation)
- Burns, R.**, and Graefe, A. (2001). Recreationists in the Columbia River Gorge National Scenic Area: A survey of user characteristics, behaviors, and attitudes. The 2001 Northeastern Recreation Research Symposium; Bolton Landing, NY. (paper presentation)
- Graefe, A. R., Absher, J., and **Burns, R.C.** (2000). Monitoring Visitor Satisfaction: A comparison of comment cards and more in-depth surveys. The 2000 Northeastern Recreation Research Symposium; Bolton Landing, NY. (paper presentation)
- Burns, R. C.**, Graefe, A. R., Absher, J., and Titre, J. (1999). Attributes and domains: Links to visitor satisfaction at US Army Corps of Engineers reservoirs. The 1999 International Symposium on Society and Resource Management, Brisbane, Australia, July 7-10, 1999. (Presented by J. Absher) (paper presentation)
- Graefe, A. R., Absher, J. D., and **Burns, R. C.**, and Titre, J. (1998). Question order and interviewer effects on customer service perceptions: A field experiment. The National Recreation and Park Association Annual Congress, Symposium on Leisure Research, Miami Beach, FL. (cancelled due to hurricane, abstract published in Book of Abstracts, p. 72.). (paper presentation)
- Graefe, A. R., **Burns, R. C.**, Absher, J., and Titre, J. (1998). Differences in customer service perceptions among distinct water-based recreation user groups. The Seventh International Symposium on Society and Resource Management, Columbia, MO. (paper presentation)
- Burns, R. C.**, Graefe, A. R., and Titre, J. (1997). US Army Corps of Engineers national customer satisfaction initiative: Results and processes of year one of a three-year effort. The National Recreation and Park Association Annual Congress, Symposium on Leisure Research, Salt Lake City, UT, October 29-November

2, 1997. (paper presentation)

- Burns, R. C., Graefe, A. R., and Titre, J. (1997).** Customer satisfaction at US Army Corps of Engineers-administered lakes: A compilation of two years of performance data. The 1997 Northeastern Recreation Research Symposium; Bolton Landing, NY. (paper presentation)
- Burns, R. C., Graefe A. R., and Titre, J. (1997).** US Army Corps of Engineers national customer satisfaction initiative: Results and processes of year one of a three-year effort. The National Recreation and Park Association: 1997 Leisure Research Symposium. Salt Lake City, UT. (paper presentation)
- Burns, R. C., Graefe A. R., and Titre, J. (1996).** An assessment of customer satisfaction at a US Army Corps of Engineers water-based recreation area: The case of Lake Sakakawea, North Dakota. The 1996 Northeastern Recreation Research Symposium; Bolton Landing, NY. (paper presentation)
- Burns, R. C., Graefe A. R., and Titre, J. (1996).** Developing a customer satisfaction “report card” for U.S. Army Corps of Engineers water-based recreation areas. The Sixth International Symposium on Society and Resource Management. Penn State University, State College, Pennsylvania. (paper presentation)

Invited Presentations

- Burns, R. C. (2018).** Geotourism in West Virginia: A proposed sustainable option. West Virginia Forward (West Virginia University), Charleston, WV. April 12th.
- Burns, R. C. (2018).** Outdoor Recreation Visitor Monitoring: Pacific Northwest USA Case Study. Shanghai University of Sport, Shanghai, China. Dec 13th.
- Burns, R. C. (2018).** Recreation Visitor Monitoring—Brazil Case Study. Central South University of Forestry and Technology (CSUFT), Changsha, China. Dec 15th.
- Burns, R. C. (2018).** Outdoor Recreation Visitor Monitoring: Pacific Northwest USA Case Study. Peking University, Beijing, China. Dec 16th.
- Burns, R. C. (2018).** Visitor Monitoring. IV Ciclo de Palestras de Turismo Sustentável, Ponta Grossa State University, Ponta Grossa, Brazil. Nov 1st.
- Burns, R. C. (2018).** Trail Planning and Visitor Use. Graduate Class in Geodiversity, Paraná Federal University, Curitiba, Brazil. Nov 3st.
- Burns, R. C. (2013).** WVU-Brazil student exchange program: Results and future desired conditions. San Carlos University, San Carlos, Brazil. Nov 4th.
- Burns, R. C. (2013).** WVU-Brazil student exchange program: Results and future desired conditions. Ponta Grossa State University, Ponta Grossa, Brazil. Nov 1st.
- Burns, R. C. (2013).** WVU-Brazil student exchange program: Results and future desired conditions. Unicentro State University, Irati, Brazil. Oct 28th.
- Burns, R. C. (2012).** WVU-central Europe transatlantic student exchange program: Results and future desired conditions. WVU Division of Forestry and Natural Resources Peace Corps MS Degree Meeting. Morgantown, WV. Oct 12th.
- Burns, R. C. (2012).** Developing and sustaining an international research and learning program: Case Study of Europe and Oregon student exchange. IESPES University. Santarem, Brazil. March 20th.
- Burns, R. C. and Absher, J. (2012).** The “need” for commercial outfitters and guides: social, legal and definitional challenges to wilderness or river management. Oral presentation at the *Uncommon Dialogue on Commercial Outfitting and the Wilderness Act*, Stanford University, CA., February 22.

- Burns, R. C.,** and McNeel, J. (2012). Developing a sustainable methodology of integrating teaching, research and service in an international setting. 2012 National Institute for Food and Agriculture. Washington, D.C. May 16.
- Burns, R. C.,** and Chuprinko, T. (2011). Motivations of Mount Hood Climbers. 2011 World Famous Mountains Conference. Portland, Oregon. October 10—14th.
- Burns, R.** (2011). Social carrying capacity: A US perspective. Presentation at University of Hannover, Germany. December 12th.
- Burns, R. C.** (2010). Special use permitting: Linking social carrying capacity methods with decision-making. USDA Forest Service. Hood River, Oregon. March 10th.
- Burns, R. C.** Graefe, A., and Lilienthal, C. (2010). Visitor use on the Rogue-Umpqua Scenic Byway: A survey of characteristics, behaviors and perceptions. Roseburg, Oregon. March 2nd.
- Burns, R.C.** (2009). Constraints and motivations and experience in forest recreation settings: Case study on Mount Baker-Snoqualmie National Forest. National Chi Nan University, Taiwan, September 25th. (Keynote Speaker)
- Burns, R.C.** (2009). The role of fees and revenue in forest recreation settings. Taipei, Taiwan, September 29th. (Keynote Speaker)
- Burns, R. C.** (2009). Special use permitting: Linking social carrying capacity methods with decision-making. USDA Forest Service. Atlanta, Ga. April 8—9th.
- Burns, R. C.** (2009). Special use permitting: Linking social carrying capacity methods with decision-making. USDA Forest Service. Denver, Co. March 23—24th.
- Burns, R. C.** and Graefe, A. (2009). Special use permitting: Linking social carrying capacity methods with decision-making. USDA Forest Service. Portland, Oregon. January, 21—22nd.
- Burns, R. C.,** Meybin, J., Heilman, M., Graefe, A., and Absher, J. (2008). Addressing federal recreation special use permit policy changes. Association of Outdoor Recreation Educators (AORE), San Diego, CA. November 1st.
- Burns, R.** (2008). Recreational trail use and trail design methodology: A US perspective. Presentation at Institute of Landscape Development, Recreation and Conservation Planning, University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria. May 4th.
- Burns, R.** (2007). Social—Biological impacts at Diamond Lake, Oregon, USA. Presentation at Institute of Landscape Development, Recreation and Conservation Planning, University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria. November 11th.
- Burns, R.** (2007). A Review of customer satisfaction models. Presentation to the Davis College Visiting Board, West Virginia University. Morgantown, West Virginia. October 9th.
- Burns, R.** and Graefe, A. (2007). Diamond Lake visitation patterns between 2001—2007. Oregon Lakes Commission. Diamond Lake, Oregon. September 22nd.
- Burns, R.** (2007). Addressing Relevancy in the National Park Service. Presentation to the Director, NPS and NPS regional directors. Williamsburg, Virginia. September 6th.
- Burns, R.** and Graefe, A. (2007). Results of Youth Focus Group Interviews in Oregon. Presentation at the Recreation Forum on Youth and the Outdoors. Portland, Oregon. March 15th.
- Graefe, A. and **Burns, R.** (2007). Results of Youth Focus Group Interviews in Oregon. Presentation at the SCORP Youth Steering Committee. Salem, Oregon. April 27th.

- Burns, R.** (2007). US and the Soviet Union: A military perspective of the Cold War. Guest presentation to class. California University of Pennsylvania. December 3rd.
- Burns, R.** and Graefe, A. (2006). Ethnicity and outdoor recreation in Oregon. Region 6, USDA Forest Service Executive Management Team (Region 6). Portland, Oregon. November 16.
- Burns, R.** and Graefe, A. (2006). Ethnicity and outdoor recreation in Oregon. Presentation to the Oregon Outdoor Recreation Council. Salem, Oregon. September 19.
- Burns, R.** and Covelli, E. (2006). An examination of constraint and negotiation strategies by traditional and non-traditional users. Seattle, WA. May 2.
- Burns, R.** (2005). Understanding outdoor recreation in Oregon and Washington. Presentation to the Region 6, USDA Forest Service and Oregon State Parks. Portland, Oregon. December 28.
- Burns, R.** (2005). Evaluation of the Urban Overnight Experience: Proposal for research for graduate student. Presentation to the Oregon Zoo recreation staff. Portland, Oregon. December 27.
- Burns, R.** and Graefe, A.. (2005). Baby Boomer retirement and outdoor recreation in Oregon. Presentation to the Region 6, USDA Forest Service Executive Team Portland, Oregon. June 1.
- Burns, R.** and Graefe, A.. (2005). Baby Boomer retirement and outdoor recreation in Oregon. Presentation to the Oregon State Parks. Salem, Oregon. July 1.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). The impacts of recreation fees on persons of lower socio-economic status. Presentation to the USDA Forest Service (Region 6) Recreation Fee Demonstration Board. Portland, Oregon. June 4.
- Burns, R.,** Graefe, A., and Robinson, K. (2002). The impacts of recreation fees on persons of lower socio-economic status. Presentation to Undersecretary of US Department of Agriculture, Undersecretary of US Department of Interior, and Congressional staff members. Washington, D.C. June 11.
- Burns, R.,** and Graefe, A. (2002). The role of recreation research in national forest management business plans. Presentation to the USDA Forest Service Executive Management Team (Region 6). Portland, Oregon. April 16.
- Burns, R.,** and Graefe, A. (2002). The role of income, race, gender, education, and place of residence in understanding the impacts of recreation fees in Oregon/Washington National Forests. Presentation to the USDA Forest Service (Region 6) Recreation Fee Demonstration Board. Portland, Oregon. March 12.
- Burns, R.** (2001). Organizational communication and leadership. Art of Leadership annual conference. Reitz Student Union, Gainesville, Florida. January 11.

CONTRACTS AND GRANTS

GRANTSMANSHIP (\$9,000,000+)

Synopsis of Funded Projects:

Project Title: *NOAA National Marine Sanctuary Visitor Monitoring*
Funding Agency: NOAA
Project Duration: July 2019—July 2020
Project Amount: \$70,000
Role: Principal Investigator

The development of a sensor-based visitor monitoring system for the NOAA NMS.

Project Title: *Visitor Use/Social Carrying Capacity Analysis for White Salmon River and Klickitat River – Columbia Gorge National Scenic Area*
Funding Agency: USDA Forest Service
Project Duration: January 1, 2019—February 2020
Project Amount: \$349,940 (\$329,950 for NVUM, \$30,000 for White Salmon River
Role: Principal Investigator

To establish updated assessments of recreational use and identify needs for managers regarding perceptions, experience, crowding, and resource sustainability and safety.

Project Title: *Developing a Regional Education Program in Sustainable Land Reclamation Management in Central Appalachia*
Funding Agency: USDA National Institute of Food and Agriculture
Project Duration: January 2018-January 2021
Project Amount: \$497,266
Role: Principal Investigator

To educate a new generation of workforce prepared to lead sustainable land reclamation management efforts in Central Appalachia, by developing a new certificate, while enhancing the number and diversity of undergraduate students pursuing a university degree, and increasing employment opportunities for students through industry partnerships. Audience: Students who are attending two-year colleges and are planning to pursue a higher degree at a four-year university. This will include underrepresented and first generation college student groups and will also target students in existing natural resources and STEM programs, who want to augment their education in sustainable land reclamation management.

Project Title: *Visitor Use Monitoring and Management: ICMBio Parks and Protected Areas in the Amazon Region of Brazil (Amendment 4).*
Funding Agency: USDA Forest Service Washington Office, International Programs
Project Duration: May 2018-September 2019
Project Amount: \$64,422
Role: Principal Investigator

Develop a partnership with the USDA Forest Service International Programs (IP) that will facilitate best practices in tourism/visitor use management in selected Instituto Chico Mendes de Conservação da

Biodiversidade (ICMBio) settings in the Amazon Region of Brazil. The partnership will allow WVU researchers to conduct several demonstration projects in the Amazon region over a period of five years.

Project Title: 2019 GeoSTEM Summer Educational Camp: Planning, Operating, and Receiving Feedback from Students

Funding Agency: USGS
Project Duration: 2019
Project Amount: \$19,996
Role: Principal Investigator

The purpose of this study is to establish a geology-based STEM education summer camp focused on learning in experiential and recreational environments.

Project Title: Region 6 National Visitor Use Monitoring Study: 2017-2021

Funding Agency: USDA Forest Service
Project Duration: May 1, 2018- December 31, 2018
Project Amount: \$31,997
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon.

Project Title: Region 6 National Visitor Use Monitoring Study: 2017-2021

Funding Agency: USDA Forest Service
Project Duration: May 1, 2017- February 2, 2021
Project Amount: \$425,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon.

Project Title: Region 6 National Visitor Use Monitoring Study: 2011-2017 (Modification #12)

Funding Agency: USDA Forest Service
Project Duration: May 1, 2016- February 2, 2017
Project Amount: \$362,000 (new in 2017)
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon.

Project Title: Region 6 National Visitor Use Monitoring Study: 2011-2017 (Modification #13)

Funding Agency: USDA Forest Service
Project Duration: May 1, 2016- February 2, 2017
Project Amount: \$24,459 (new in 2017)
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Umpqua National Forest, Oregon.

Project Title: Developing a Student-centered Visitor Use Management Research Program: ICMBio Parks and Protected Areas in the Amazon Region of Brazil (Amendment 3).

Funding Agency: USDA Forest Service Washington Office, International Programs
Project Duration: May 2016-September 2019
Project Amount: \$59,967 (new in 2017)
Role: Principal Investigator

Develop a partnership with the USDA Forest Service International Programs (IP) that will facilitate best practices in tourism/visitor use management in selected Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio) settings in the Amazon Region of Brazil. The partnership will allow WVU researchers to conduct several demonstration projects in the Amazon region over a period of five years.

Project Title: *Appalachian Freshwater Initiative (AFI). Sub-Award in: Gravitational Wave Astronomy and the Appalachian Freshwater Initiative (Waves of the Future: Capacity Building for the Rising Tide of STEM in West Virginia (EPSCoR).*

Funding Agency: National Science Foundation
Project Duration: August 1, 2015- July 1, 2018
Project Amount: \$89,000 (new in 2017) of \$5.3 million shared with numerous faculty across WVU
Role: Co-Investigator

The purpose of this study is to collect data that will support the NSF-WV HEPC Appalachian Freshwater Initiative.

Project Title: *Cooperative Agreement between National Park Service and WVU Research Corporation.*

Funding Agency: National Park Service; Rivers, Trails and Conservation Assistance Program
Project Duration: September 2016-September 2019
Project Amount: \$12,000
Role: Principal Investigator

Sustain a partnership between WVU Division of Forestry and Natural Resources and the RTCA program in West Virginia and western Pennsylvania.

Project Title: **Region 6 National Visitor Use Monitoring Study: 2011-2017 (Modification #11)**

Funding Agency: USDA Forest Service
Project Duration: May 1, 2016- February 2, 2017
Project Amount: \$435,867
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon.

Project Title: *Appalachian Freshwater Initiative (AFI). Sub-Award in: Gravitational Wave Astronomy and the Appalachian Freshwater Initiative (Waves of the Future: Capacity Building for the Rising Tide of STEM in West Virginia (EPSCoR).*

Funding Agency: National Science Foundation
Project Duration: August 1, 2015- July 1, 2018
Project Amount: \$ 50,928.86 (new in 2017) of \$5.3 million shared with numerous faculty across WVU
Role: Co-Investigator

The purpose of this study is to collect data that will support the NSF-WV HEPC Appalachian Freshwater Initiative.

Project Title: **Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #10)**

Funding Agency: USDA Forest Service
Project Duration: September 1, 2015- December 31, 2016
Project Amount: \$19,911
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Washington.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #9)***
Funding Agency: USDA Forest Service
Project Duration: January 19, 2015-December 1, 2016
Project Amount: \$410,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Washington.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #8)***
Funding Agency: USDA Forest Service
Project Duration: July 31 2014-September 30 2015
Project Amount: \$220,265
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Washington.

Project Title: ***Green Mountain-Finger Lakes National Forest Visitor Use Monitoring***
Funding Agency: USDA Forest Service
Project Duration: October 2014-December 2015
Project Amount: \$102,204
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Green Mountain-Finger Lake National Forest, Vermont and New York.

Project Title: ***Developing a Student-centered Visitor Use Management Research Program: ICMBio Parks and Protected Areas in the Amazon Region of Brazil***
Funding Agency: USDA Forest Service Washington Office, International Programs
Project Duration: February 2014-September 2019
Project Amount: \$100,573
Role: Principal Investigator

Develop a partnership with the USDA Forest Service International Programs (IP) that will facilitate best practices in tourism/visitor use management in selected Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio) settings in the Amazon Region of Brazil. The partnership will allow WVU researchers to conduct several demonstration projects in the Amazon region over a period of five years.

Project Title: ***Mount Baker National Forest Recreation Alternative Transportation Study (Amendment #1)***
Funding Agency: USDA Forest Service
Project Duration: January 2013-December 2013
Project Amount: \$8,613
Role: Principal Investigator

Collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity for an alternative transportation system near Seattle, Washington.

Project Title: ***Six Rivers National Forest Visitor Use Monitoring***
Funding Agency: USDA Forest Service
Project Duration: January 2013-September 2014
Project Amount: \$80,334
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Six Rivers National Forest, California.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #6)***
Funding Agency: USDA Forest Service
Project Duration: April 2013-December 2015
Project Amount: \$270,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Fremont-Winema and Deschutes-Ochoco National Forests, Oregon.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #5)***
Funding Agency: USDA Forest Service
Project Duration: December 2012-December 2015
Project Amount: \$200,149
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Fremont-Winema and Deschutes-Ochoco National Forests, Oregon.

Project Title: ***Independent Resources Social Carrying Capacity Studies (Modification #2)***
Funding Agency: USDA Forest Service
Project Duration: May 2012-December 2015
Project Amount: \$31,981
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity related to Special Use Permitting on the White River National Forest, Colorado.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #4)***
Funding Agency: USDA Forest Service
Project Duration: July 2012-December 2015
Project Amount: \$49,007
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the North Umpqua River, Umpqua National Forest, Oregon.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #3)***
Funding Agency: USDA Forest Service
Project Duration: May 2011-December 2015
Project Amount: \$248,367
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Umpqua, Willamette, and Rogue-River Siskiyou National Forest, Oregon.

Project Title: ***Independent Resources Social Carrying Capacity Studies (Modification #1)***
Funding Agency: USDA Forest Service
Project Duration: October 2011-December 2015

Project Amount: \$25,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity related to Special Use Permitting on the Black Hills National Forest, South Dakota.

Project Title: ***Sustainability and Social Carrying Capacity: Determining and Developing Socially Explicit Measures for the USFS Sustainable Recreation Strategy***

Funding Agency: USDA Forest Service
Project Duration: September 2011—January 2013
Project Amount: \$16,077
Role: Principal Investigator

The purpose of this study is to understand visitor use measures in developing indicators for sustainable strategies and social carrying capacity related to Special Use Permitting on USFS lands.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #2)***

Funding Agency: USDA Forest Service
Project Duration: August 2011-December 2015
Project Amount: \$20,435
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the North Umpqua River, Umpqua National Forest, Oregon.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015 (Modification #1)***

Funding Agency: USDA Forest Service
Project Duration: August 2011-December 2015
Project Amount: \$103,305
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon/Washington.

Project Title: ***Region 6 National Visitor Use Monitoring Study: 2011-2015***

Funding Agency: USDA Forest Service
Project Duration: October 2010-December 2015
Project Amount: \$754,369 (Funding for 1.5 years of five year study; total projected = \$2.1m.)
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon/Washington.

Project Title: ***Social Carrying Capacity on Klamath and Stanislaus National Forests, Ca.***

Funding Agency: USDA Forest Service
Project Duration: July 2010--Mar 2012
Project Amount: \$113,862
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity related to Special Use Permitting on the Klamath and Stanislaus National Forests, California.

Project Title: ***Mount Baker National Forest Recreation Alternative Transportation Study***

Funding Agency: USDA Forest Service

Project Duration: August 2010-December 2013
Project Amount: \$50,000
Role: Principal Investigator
Task: Collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity for an alternative transportation system near Seattle, Washington.

Project Title: ***Deschutes National Forest Recreation Wilderness Use Study***
Funding Agency: USDA Forest Service
Project Duration: May 2010-September 2013
Project Amount: \$60,145
Role: Principal Investigator
Task: Collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity the Deschutes NF, Oregon.

Project Title: ***Independent Resources Social Carrying Capacity Studies***
Funding Agency: USDA Forest Service
Project Duration: August 2010-December 2015
Project Amount: \$25,349
Role: Principal Investigator
The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and resulting social carrying capacity related to Special Use Permitting on the Black Hills National Forest, South Dakota.

Project Title: ***Formalizing International Natural Resource Learning: A Trans-Atlantic Approach to Sustainable Education, Research, and Management***
Funding Agency: USDA Forest Service
Project Duration: September 2009—August 2012
Project Amount: \$125,187
Role: Principal Investigator
This project incorporates field based education to enhance international teaching, research, and service opportunities through the expansion of an existing student/faculty exchange partnership between West Virginia University and the University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria.

Project Title: ***Region 6 Visitor Use Monitoring Study: Visitor Preferences and Patterns across Pacific Northwest National Forests; 2005—2010 (with 11 amendments)***
Funding Agency: USDA Forest Service
Project Duration: December 2005-May 2011
Project Amount: \$2,171,869
Role: Principal Investigator
The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the National Forests of Oregon/Washington.

Project Title: ***Carrying Capacity Analysis for Grand Mesa, Uncompahgre and Gunnison National Forests***
Funding Agency: USDA Forest Service
Project Duration: October 2008-May 2012
Project Amount: \$20,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and special use permitting programs on the Grand Mesa, Uncompahgre and Gunnison National Forests, Colorado.

Project Title: ***BLM Visitor Use, Prineville Office***
Funding Agency: USDOJ Bureau of Land Management
Project Duration: July 2008-September 2009
Project Amount: \$72,000
Role: Principal Investigator

The purpose of this study is to collect recreation use data to determine recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Prineville District, Oregon.

Project Title: ***Recreation Plan Development for Coopers Rock State Forest***
Funding Agency: West Virginia Division of Forestry
Project Duration: June 2006 – December 2006
Project Amount: \$48,603
Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns and management preferences in support of the development of a recreation management plan for the forest. Research methodology involves the use of graduate and undergraduate interviewers for on-site surveys, as well as two mail-back surveys: one for hunters and one for adventure recreationists. A technical report and recreation management plan will be presented to WV Division of Forestry personnel at the end of the project.

Project Title: ***Monongahela National Forest Trails Planning Project***
Funding Agency: USDA Forest Service
Project Duration: May 2005 – December 2008
Project Amount: \$15,000
Role: Co-Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Monongahela National Forest. Research methodology requires the hiring of up to 10 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Understanding the Cultural Issues Associated with the Urban-Wildland Interface in the Pacific Northwest***
Funding Agency: USDA Forest Service
Project Duration: July 2005-September 2006
Project Amount: \$24,338
Role: Principal Investigator

The purpose of this study is to understand how federal land agencies, specifically the USDA Forest Service, can attract non-traditional users to federal recreation areas in the Pacific Northwest region.

Project Title: ***Monongahela National Forest Trails Planning Project***
Funding Agency: USDA Forest Service
Project Duration: May 2005 – December 2008
Project Amount: \$110,000
Role: Co-Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures on the Monongahela National Forest. Research methodology requires the hiring of up

to 10 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Region 6, USDA Forest Service (FY 2005) National Visitor Monitoring Study***
Funding Agency: USDA Forest Service
Project Duration: November 2004-August 2006
Project Amount: \$104,396
Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across two US National Forests in Oregon. Research methodology requires the hiring of up to 10 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Region 6, USDA Forest Service (FY 2005) National Visitor Monitoring Study***
Funding Agency: USDA Forest Service
Project Duration: November 2004-August 2005
Project Amount: \$79,707
Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across two US National Forests in Oregon. Research methodology requires the hiring of up to 10 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***USDA Forest Service Region 6 Umpqua National Forest Diamond Lake Winter Use Study***
Funding Agency: USDA Forest Service
Project Duration: September 2004-September, 2009
Project Amount: \$12,640
Role: Principal Investigator

The purpose of this research is to measure recreational customer satisfaction at the Diamond Lake area by completing person-to-person interviews, on the Umpqua National Forest in Oregon. Research methodology requires conducting face to face interviews at winter use areas. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Recreation Visitor Date - Fee Demo Program—Addendum #3, USDA Forest Service***
Funding Agency: USDA Forest Service
Project Duration: August 2004—January 2006
Project Amount: \$30,714
Role: Principal Investigator

The purpose of this study is to investigate the impacts of a recreation pass program in the Pacific Northwest. Tasks include examining visitors' perceptions of recreation fees across several federal and state agencies (USFS, NPS, BLM, COE, USFWS, Oregon State Parks, and Washington State Parks), inquiring about the level of knowledge of personnel who answer telephones in a sample of all 10 USFS Regions, and conducting a cost benefit analysis of a recreation fee program on the Rogue River-Siskiyou NF. Technical Reports was submitted to the USFS.

Project Title: ***Region 6 NVUM: Synthesis of Results from 2000-2003, USDA Forest Service***
Funding Agency: USDA Forest Service
Project Duration: December 11, 2003-September 30, 2004
Project Amount: \$10,314

Role: Principal Investigator

The purpose of this study is to begin a synthesis of four years of data collected in the Pacific Northwest under the National Visitor Use Monitoring Study. This synthesis of data will include understanding recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across 20 US National Forests in Oregon and Washington. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***USDA FS Region 6 Recreation Use Monitoring Study (FY2003), USDA Forest Service***

Funding Agency: USDA Forest Service

Project Duration: December 11, 2003-September 30, 2004

Project Amount: \$67,541

Role: Principal Investigator

The purpose of this study is to synthesize four years of data collected in the Pacific Northwest under the National Visitor Use Monitoring Study and the Region 6 Recreation Fee program. The visitor use portion of this study will synthesize data regarding recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across 20 US National Forests in Oregon and Washington.

Project Title: ***2002 Region 6 Visitor Use Monitoring Study: Visitor Preferences and Patterns across Five Pacific Northwest National Forests***

Funding Agency: USDA Forest Service

Project Duration: October 21, 2002-September 30, 2003

Project Amount: \$334,233

Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across five US National Forests in Oregon. Research methodology requires the hiring of up to 20 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Perceptions of Recreation Fee Issues and Recreation Use Patterns in Pacific Northwest Forests***

Funding Agency: USDA Forest Service

Project Duration: June 22, 2002-October 31, 2003

Project Amount: \$54,978

Role: Principal Investigator

The purpose of this study is to acquire recreation visitor data through a telephonic study conducted for the Forest Service. Specifically, the study will measure visitor attitudes, preferences and behaviors regarding fees and expenditures on National Forests in the Pacific Northwest. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Region 6 Visitor Use Monitoring Study: Visitor Preferences and Patterns across Five Pacific Northwest National Forests***

Funding Agency: USDA Forest Service

Project Duration: December 11, 2001-September 30, 2002

Project Amount: \$280,280

Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across five US National Forests in Oregon. Research methodology requires the hiring of up to 20 interviewers, and the collection of data through the use of on-site surveys. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Recreation Monitoring on the Umpqua National Forest***
Funding Agency: USDA Forest Service
Project Duration: April 2001-June 2002
Project Amount: \$65,525
Role: Principal Investigator

The purpose of this study is to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across the Umpqua National Forest in Oregon. This study included two separate studies within the larger study that resulted in the collection of data for conference presentations.

Project Title: ***Fee-related Issues in Pacific Northwest Forests***
Funding Agency: USDA Forest Service
Project Duration: June 2001-December 2002
Project Amount: \$93,291
Role: Principal Investigator

The purpose of this study is to acquire recreation visitor data through a telephonic study conducted for the Forest Service. Specifically, the study will measure visitor attitudes, preferences and behaviors regarding fees and expenditures on National Forests in the Pacific Northwest. A technical report was presented to US Forest Service personnel at the end of the project.

Project Title: ***Recreation Monitoring on the Gifford Pinchot National Forest, Washington***
Funding Agency: Penn State University
Project Duration: January 2001-October 2001
Project Amount: \$29,700
Role: Principal Investigator

The purpose of this study was to analyze recreation users' visitation patterns, customer satisfaction levels, and economic expenditures across the Gifford Pinchot National Forest in Washington. This study included a separate study within the larger study that resulted in the collection of data for conference presentations.

Project Title: ***College of Health and Human Performance Incentive Grant***
Funding Agency: College of Health and Human Performance, University of Florida
Project Duration: February 2001-June 2001
Project Amount: \$1,500
Role: Principal Investigator

The purpose of this grant was to visit potential funding sources to develop working relationships that will provide contracts/grants for future years.

EDITORIAL/ADVISORY BOARD/REVIEW ACTIVITY

Associate Editor: Journal of Park and Recreation Management
Associate Editor: Journal of Outdoor Recreation and Tourism
Chief Editor: Journal of Park and Recreation Management (2015—2018)
Founding Co-Editor: Journal of Outdoor Recreation and Tourism (2014)
Reviewer: Journal of Outdoor Recreation and Tourism
Reviewer: Journal of Park and Recreation Management
Reviewer: Journal of Landscape and Urban Planning
Reviewer: The International Journal of Tourism Research
Reviewer: Leisure Sciences
Reviewer: Landscape and Urban Planning
Reviewer: The Canadian Journal of Forest Research

SERVICE

Executive Committee Member, National Association of University Forest Resource Programs (NAUFRP) (2018—present)
Northeast Region Chair, National Association of University Forest Resource Programs (NAUFRP) (2018—present)
Search Committee Member, Director position: West Virginia University Center for Veteran, Military and Family Programs (2018)
Committee Member, WVU President's Action Group on Student Veteran Affairs (2017-present)
Steering Committee member: International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas. (2016-present)
Steering Committee member: Columbia River Gorge Sustainable Recreation Initiative (2010 to present).
Trustee: Veterans of Foreign Wars (VFW) Post 548, Morgantown, WV (2007—present)
Steering Committee member: Northeastern Recreation Research Symposium (1999 to 2018)
Chair, Davis College Executive Committee (2015-2016)
Committee Member, Davis College Executive Committee (2012-2016)
Committee Member Davis College Diversity Committee (Ad-hoc member, 2011-2016)
Society of Outdoor Recreation Professionals (SORP) (Board Member, 2012 to 2015)
Member of WVU Division of Forestry and Natural Resources Scholarship Committee (2004--2016)
Faculty Advisor: WVU Students Veterans Organization (2007—2016)
National Association of Recreation Resource Planners (NARRP) (Board Member, 2011 to 2012)
World Recreational Fisheries Conference (Research Session Chair, 2011)

International Scientific Committee member: The 14th International Symposium on Society and Resource Management (ISSRM) (2008)

Faculty Advisor: WVU Professional Recreation and Parks Society (2007—2009)

Committee Chair, Davis College Student Papers and Poster Committee (2011-12)

Committee Member, Davis College Student Papers and Poster Committee (2010-11)

Committee Member Davis College International Committee (Member, 2011-12)

Committee Chair, Coopers Rock State Forest Recreation Use Committee (2005-09)

Steering Committee member: Recreation Forum on Youth and the Outdoors (Pacific Northwest) (2007)

Steering Committee member: Oregon SCORP Process (2008)

Chair: Northeastern Recreation Research Symposium (2007)

Editor, Proceedings of the 18th Northeastern Recreation Research Symposium (NERR). Bolton Landing, NY. (2007)

George Wright Society Conference (Research Session Chair of Organized Session, 2011)

Committee Member, Davis College Strategic Planning Committee (2005)

Committee Member, Davis College Forestry/ARE Task Force Merge Committee (2005)

AWARDS/HONORS/ACCOMPLISHMENTS

Researcher of the Year (2015). WVU Division of Forestry and Natural Resources.

Zertifikat Deutsch (German speaking/reading/writing proficiency, Goethe Institute, New York, New York, 1984.

US Army Commissioned Officer 1985 – 2003; (Second Lieutenant, First Lieutenant, Captain, Major).

US Army Non-Commissioned Officer/Enlisted Member (Active Duty), 1978 – 1985 (Private through Sergeant).

Nominated as Graduate Assistant Award for Outstanding Teaching, The Pennsylvania State University, 1997.