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INSTITUTE FOR  
ADVANCED STUDY  
ANNUAL REPORT

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**17-18**



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# INSTITUTE FOR ADVANCED STUDY

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## THE IAS *AT A GLANCE*

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2017-2018

### **IAS 2017-18 By the Numbers**

#### **IAS Fellows**

##### **19 Residential Fellows**

- 12 Faculty Fellows
- 6 Interdisciplinary Doctoral fellows
- 1 Community of Scholars fellow

#### **Representing**

- 14 departments
- 5 colleges/schools/divisions
- 2 campuses

#### **Research and Creative Collaboratives**

- 11 Collaboratives
- 35 Collaborative conveners
- 21 Faculty
- 6 Graduate students
- 1 Undergraduate student
- 5 Professional staff
- 2 Non-University

#### **Conveners Drawn From**

- 25 departments
- 8 colleges/schools/disciplines
- 2 campuses

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## Public Programming

### **24 IAS Thursdays events**

- Average attendance 57 people
- 3 IAS Thursdays with attendance over 100  
(Audra Simpson, Evelyn Nakano Glenn, Spencer Crew)

### **76 public programs organized by Research and Creative Collaboratives**

- Includes two major conferences, a theatrical performance, community-based workshops, and numerous presentations, reading groups, film screenings, etc.
- Average attendance (when attendance was taken) 58 people
- **3 IAS Screens film screenings**
- **2 other IAS Initiative events** (workshop, brownbag)

## Campus and Community Engagement

The IAS received **\$6425** in cosponsorship funds

**55** University departments or other units supported IAS programming

**16** colleges/schools/disciplines supported

**2** campuses supported

**2** organizations from outside the University

The IAS cosponsored **18** programs organized by other units, including conferences, workshops, symposia, film screening, and scholarly presentations

Total of **123** public programs presented, copresented, or facilitated by the Institute for Advanced Study in 2017-18

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## INSTITUTE FOR ADVANCED STUDY

### *RESIDENTIAL FELLOWSHIPS: COLLABORATIONS AND OUTCOMES*

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Forging Unexpected Partnerships

### GRADUATE STUDENT FELLOWS

We had an outstanding group of graduate student fellows in residence at the IAS in 2017-18. Six Interdisciplinary Doctoral Fellows and one Community of Scholars Fellow worked on their dissertations, actively engaged in the fellows' lunch discussions, and created a friendly and lively intellectual community over the course of the year. Why do we love having graduate students in residence? Because they are ideal participants in the IAS fellows community: they are exceptionally well read in the latest work in their disciplines, they are working on projects at the leading edge of their fields, and they enthusiastically engage in interdisciplinary discussions, forging connections across ideas, approaches, and projects.

As their dissertation projects progressed over the course of the year, we saw many fascinating synergies develop, particularly around the use of storytelling as a scholarly method and around cross-disciplinary attention to critical race theory and the concepts of indigeneity, settler colonialism, and sovereignty. Equally important to the development of their scholarly work, the graduate fellows found that they were in a space in which graduate students, early-career faculty, and full professors were on equal footing.

**“Watching professors willingly discuss ideas and projects that were not yet fully formed was enlightening on both an intellectual and an emotional level.” (Sami Poindexter, Feminist Studies, CLA)**

**“The opportunity to listen to how faculty and fellow graduate students from other fields engage in dialogue and ask questions was beneficial to my growth as an interdisciplinary thinker and writer.” (Sarah Saddler, Theatre Arts & Dance, CLA)**



**Residential Fellows, Fall 2017**

Back Row, L-R: Colin Agur, Aaron Eddens, Amber Annis, William Jones  
Center Row, L-R: Sami Poindexter, Madison Van Oort, Jen Hughes, Diyah Larasati  
Front Row, L-R: Cristina Ortiz, Juliana Hu Pegues, Katherine Scheil, Lena Palacios



**Residential Fellows, Spring 2018**

Back Row, L-R: Madison Van Oort, David Lemke, Andrew Gallia, Amber Annis, Jessica Clarke, Sairaj Dhople  
Front Row, L-R: Catherine Squires, Aaron Eddens, Jen Hughes, Tasoulla Hadjiyanni, Sarah Chambers, Sarah Saddler

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## INSTITUTE FOR ADVANCED STUDY FORGING UNEXPECTED NEW CONNECTIONS ACROSS DISCIPLINES

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*The IAS aims to engage audiences with important ideas presented in formats that range from the traditional academic talk to less conventional topics and formats. We explore issues of current importance and provide the space to consider next steps. Some of our most interesting programming this year was done in partnership with other groups, both on campus and off, offering productive collaborations that brought new ideas and audiences to the IAS.*

### **5X5 PROGRAM**

Five people with disparate interests in a common topic come together to meet five times to discuss the unexpected ways their intellectual pursuits connect. This is the idea behind the IAS's newest initiative, **the 5x5 program**. The goals for this program are much more involved: for the participants to engage with people across disciplines and other boundaries in order to learn about and appreciate different perspectives and methods, to expand intellectual, professional, and personal networks, to nurture a creative, collaborative space to explore new ideas, and to experience a different kind of intellectual working relationship than they may be used to.

The creation of these groups lies primarily with the IAS—individuals apply by describing an area of intellectual or creative pursuit that interests them, and from both the total volume of applications and using our long-developed networks, the IAS selects and assembles groups of participants, ideally those who do not know each other already, who are interested in the same sorts of questions. Our first 5x5 round, running from late fall 2017 through the spring of 2018, included nine groups of five people, organized around topics ranging from corporate social responsibility to the medical and social concepts of hysteria. Participants included faculty, staff, graduate students, and community members.

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One team explored the connection between human health and circadian rhythms—the physical, mental, and behavioral changes that follow a subconscious daily cycle. The team’s members, whose expertise spanned the fields of nursing, medicine, wearable technology, and the history of science, technology and medicine, came together to discuss how assessing individuals’ circadian rhythms can play an important role in providing personalized health care and improving well-being.

The group considered ways to apply circadian rhythm research to medical practice. Among these ideas was building an emphasis on chronobiology—the science of natural physiological rhythms—into medical education, potentially collaborating with Mayo Clinic to connect emerging chronotherapies to common diseases, and conducting public outreach to spread awareness of circadian rhythms.

Moving forward, the group plans to apply for research grants that can keep the collaboration going, and may develop a course on chronobiology together; something that would likely have never happened, and possibly never even occurred to these participants, had they not been brought together by the 5x5 program. The IAS has long acted as a hub for developing new connections and generating unexpected outcomes, and this program is in many ways the ideal distillation of that concept—one we look forward to supporting for many years to come.

***“Interdisciplinary collaboration was especially interesting to me. For example, we had a design expert in the group, and she showed us how to design products to monitor individual daily rhythms. We also had a bioinformatician, who showed us how to utilize big data from public databases . . . today, most circadian research is still for the sake of learning biology, but not about improving medicine. We discussed a few ideas about how to improve this.”***

***-Dr. Ray Cao  
Assistant Professor of Biomedical Sciences, UMN-Duluth***



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## INSTITUTE FOR ADVANCED STUDY *COMMUNICATION AND COLLABORATION ACROSS THE UNIVERSITY AND BEYOND*

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Forging Unexpected Partnerships

### **MORRIS COLLABORATIVES IN 2017-2018**

Until this year, the IAS had never had a Research and Creative Collaborative based on the University of Minnesota Morris campus. This year, we had three: “*Film Arts and Culture in West Central Minnesota*,” “*Focus on Greater Minnesota*,” and “*From Page to Stage: Spring Awakening*.” Although their topics and focus were quite diverse, all three included significant community engagement and student involvement.

The full name of the collaborative “*Film Arts and Culture in West Central Minnesota: Building a Regional, Cultural Community through a Town and Gown Collaboration*” demonstrates the community engagement at the center of this project. The collaborative used film as an artistic and cultural bridge in a community with significant diversity, comprising students and faculty at the University, and the population of Morris, an agricultural-based town which in recent years has seen a significant influx of Spanish-speaking workers. The collaborative included partnerships with the Stevens County Historical Association & Museum, and the Morris Public Library. Collaborative members worked alongside the Historical Museum to create an exhibit on the history and social functions of Morris’s theaters. The exhibit included a three-part documentary created by UMM students, who interviewed area residents. Some 30 Morris students also created six films that were shown in a local film contest in April. The collaborative brought filmmakers Cable Hardin and UMM alumna Samantha Bruno to Morris, each of whom offered workshops for local children and visited UMM classes. The collaborative’s work culminated with the Prairie Light Film Festival in September 2018. Over the course of one week, roughly 10 percent of the population of Morris attended showings of four short films from the upper prairie region, three of which were from Morris.

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“Focus on Greater Minnesota” was also explicitly concerned with community engagement. The collaborative organized four “dinner dialogues” followed by public campus/community talks on the topics of food systems and sustainability in greater MN, the diversity of the post-agricultural rural economy, community engagement and rural leadership, and demographic trends among rural youth and young adults. All of the talks were well attended by both community and University members; the final talk, “Greater Minnesota’s Demographic Future: Trends among Rural Youth & Young Adults,” drew an audience of 120, with particularly good participation of UMM students. The collaborative also hosted our first IAS Thursday presentation from the Morris campus, “Farm to Store: Challenges Facing our Rural Food Systems,” which was attended by over 60 people, in person and remotely from the Twin Cities.

“From Page to Stage: Spring Awakening” combined the efforts of putting on a theatrical production, Spring Awakening, with scholarly explorations of the material and creative activities that extended beyond the actual production. With student Katie Rowles-Perich as a co-convener and a cast and crew of students working with staff and faculty, this collaborative provided the opportunity for hands-on practical experience as well as curricular connections to the work. Over 700 people attended the performances, a fairly high number for the small campus and town. The collaborative’s efforts earned national attention: the Kennedy Center American College Theatre Festival (KCACTF) adjudicated the performance and awarded Certificates of Meritorious Achievement to Assistant Professor of Theatre Lucas Granholm for his set and lighting design and student Sally Bremer for her work as the production’s Stage Manager, and co-convener Stephanie Ferrian choreographed the dance piece adaptation/modification, inspired by the process of the production, which was performed before 400 people at the American College Dance Conference in Madison, Wisconsin on March 23, 2018.

*The IAS remains a dynamic place. We have moved beyond earlier models of interdisciplinary work as we support better communication and understanding across greater divides and as we position ourselves to address changing needs at the University, in our local communities, and in the world.*

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## INSTITUTE FOR ADVANCED STUDY STAFF

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Meet Our Team

*JENNIFER GUNN*  
DIRECTOR

*SUSANNAH SMITH*  
MANAGING DIRECTOR

*PHYLLIS MESSENGER*  
GRANTS COORDINATOR

*BRIANNA MENNING*  
PROGRAMMING AND COMMUNICATIONS

*PATRICK NUNNALLY*  
COORDINATOR, RIVER LIFE PROGRAM

*JOANNE RICHARDSON*  
DIGITAL INFORMATION STRATEGIST,  
RIVER LIFE PROGRAM

*KAREN KINOSHITA*  
EXECUTIVE OFFICE AND ADMINISTRATIVE  
SPECIALIST

*CHRISTINA COLLINS*  
DIGITAL MEDIA ASSOCIATE

IAS Administrative Support  
Echo Chen  
Megan Tripp

Janet Wang

Open Rivers Assistant Editor  
Laurie Moberg

Research and Creative Collaborative Research  
Assistants  
Megan Forcia  
Hana Maruyama

Ezekiel Joubert

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## INSTITUTE FOR ADVANCED STUDY **ADVISORY BOARD 2017-2018**

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**Heidi Barajas**

Organizational Leadership, Policy, and Development

**Matthew Bribitzer-Stull**

University Honors Program and School of Music

**Valentine Cadieux**

Environmental Studies, Hamline University

**Bianet Castellanos**

Department of American Studies

**Jill Doerfler**

American Indian Studies, UM-Duluth

**Greg Donofrio**

School of Architecture

**Volkan Isler**

Computer Science and Engineering

**Nicholas Jordan**

Agronomy and Plant Genetics

**Sarah Kusa**

Multidisciplinary Artist, Community Board Member

**Jason McGrath**

Asian Languages and Literature

**Jennifer Rothchild**

Sociology, UM-Morris

**Katherine Solomonson**

School of Architecture

**Barbara Welke**

Law School and Department of History

*IAS Advisory Board members are appointed for three-year terms, and are required to participate on at least one program or fellowship selection committee.*

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## INSTITUTE FOR ADVANCED STUDY RESIDENTIAL FELLOWS 2017-2018

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### FACULTY FELLOWS, FALL 2017

**Colin Agur**, Journalism and Mass Communication, CLA, Twin Cities  
"The Unanticipated Consequences of Mobile Networks"

**Juliana Hu Pegues**, American Indian Studies, CLA, Twin Cities  
"Settler Time and Space: Indigeneity, Race, and Gender in American Alaska"

**William Jones**, History, CLA, Twin Cities: Public Servants  
"How America Balanced its Budget on the Backs of Hospital Workers, Garbage Collectors, Janitors and Maids"

**Cristina Ortiz**, Anthropology, Social Science, UM–Morris:  
"Rural Latinidad: Identity and Belonging in the Heartland"

**Lena Palacios**, Gender, Women and Sexuality Studies, CLA, Twin Cities:  
"Media Necropower and Race-radical Feminist Activism in Carceral Settler States"

**Katherine Scheil**, English, CLA, Twin Cities:  
"Shakespeare, Women Readers, and Biofiction"

### FACULTY FELLOWS, SPRING 2018

**Sarah Chambers**, History, CLA, Twin Cities  
"Émigré and Citizens: Migrations and Identities between Empire and Nation in Spanish America"

**Jessica Clarke**, Law, Twin Cities  
"Sexual Exceptionalism"

**Sairaj Dhople**, Electrical and Computer Engineering, CSE, Twin Cities  
"Realizing a Distributed and Sustainable Electrical Infrastructure"

**Andrew Gallia**, History, CLA, Twin Cities  
"The Politics of Rudeness in Roman Culture"

**Tasoulla Hadjiyanni**, Design, Housing, and Apparel, CDes, Twin Cities  
"Space and the Production of Culture, Identity, and Home—Defining Oikophilia"

**Catherine Squires**, Communication Studies, CLA, Twin Cities  
"Creating Intentional Community-Engaged Learning Spaces at Gordon Parks High School"

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INSTITUTE FOR ADVANCED STUDY  
**RESIDENTIAL FELLOWS 2017-2018**

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**COMMUNITY OF SCHOLARS FELLOW, 2017-2018**

**Amber Annis**, American Studies, CLA, Twin Cities

"'The use of your reservation is important': The Militarization and Exploitation of Lakota Resources of the Cheyenne River Sioux Tribe"

**INTERDISCIPLINARY DOCTORAL FELLOWS, 2017-2018**

**Aaron Eddens**, American Studies, CLA, Twin Cities

"'Climate-Smart' Seeds: Science, Property, and the Changing Landscape of International Agriculture"

**Jen Hughes**, Anthropology, CLA, Twin Cities

"Viking Futures: Storytelling, Crisis and the (un)Translatibility of the Icelandic Model"

**David Lemke**, English, CLA, Twin Cities

"Imagining Reparations: African-American Utopianism and Visions for A Just Society"

**Sami Poindexter**, Feminist Studies, CLA, Twin Cities

"Blueberries and Bruselas: Stories of Gender, Race, Food, and Agriculture in Ejido Erendira"

**Sarah Saddler**, Theater Arts and Dance, CLA, Twin Cities

"Think Differently: Get Creative: Theatre-Based Corporate Training in India" (Spring 2018 only)

**Madison Van Oort**, Sociology, CLA, Twin Cities

"Big Data and Fast Fashion: Workplace Monitoring in the World's Top Retailers"

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## INSTITUTE FOR ADVANCED STUDY RESEARCH AND CREATIVE COLLABORATIVES 2017-2018

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### **Backyard Phenology: Perceiving Cycles and Seasons in a Changing Climate\***

**Conveners:** Christine Baeumler, Art, CLA, Rebecca Montgomery, Forest Resources, CFANS, Beth Mercer-Taylor, Institute on the Environment, Steve Dietz, Northern Lights

### **Clean Energy Access**

**Conveners:** Hari Osofsky, Law, Cities, Thomas Fisher, Metropolitan Design, CDES, Massoud Amin, Technological Leadership Institute, CSE, Cameran Bailey, Public Affairs

### **Digital Games & Learning**

**Conveners:** Nicolaas VanMeerten, Educational Psychology, CEHD, Lana Yarosh, Computer Science, CSE, Edward Downs, Communication, CLA, Duluth, Keisha Varma, Educational Psychology, CEHD

### **10,000 Stories: Minnesota Youth Make Media\***

**Conveners:** Kari Smalkoski, Gender, Women, and Sexuality Studies, CLA, Jigna Desai, Gender, Women, and Sexuality Studies, CLA

### **Film Arts and Culture in West Central Minnesota: Building a Regional, Cultural Community through a Town and Gown Collaboration**

**Conveners:** Barbara Burke, Communication, Media, & Rhetoric, UMN-Morris, David Ericksen, English, UMN-Morris, Anne Hennen-Barber, Director, Morris Public Library

### **Focus on Greater Minnesota**

**Conveners:** Roger Rose, Center for Small Towns, UMN-Morris, Kelly Asche, Center for Small Towns, UMN-Morris, Benjamin Winchester, Community Vitality, College of Extension, Morris, David Fluegel, Regional Partnerships, College of Extension, Morris

### **From Page to Stage: Spring Awakening**

**Conveners:** Ray Schultz, Theatre Arts, UMN-Morris, Stephanie Ferrian, Dance, UMN-Morris, Stephen Carey, German, UMN-Morris, Katie Rowles-Perch, Theatre Arts, UMN-Morris

### **Historical Injustices: The Working Group**

**Conveners:** Yuichiro Onishi, African American & African Studies, CLA, Catherine Squires, Communications Studies, CLA, Hana Maruyama, American Studies, CLA, Ezekiel Joubert, Curriculum and Instruction, CEHD, John Matsunaga, Asian American Studies, CLA

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INSTITUTE FOR ADVANCED STUDY  
**RESEARCH AND CREATIVE COLLABORATIVES**  
**2017-2018**

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**Music and Sound Studies Graduate Interdisciplinary Student Group**

**Conveners:** Joseph Nelson, School of Music, CLA, Mikkel Vad, Cultural Studies and Comparative Literature, CLA, Matthew Treon, American Studies, CLA, Sumanth Gopinath, School of Music, CLA

**Narrative/Medicine: Personal Narrative Analysis across the Liberal Arts and Medical Practice**

**Conveners:** MJ Maynes, History, CLA, Leslie Morris, German, Scandinavian, and Dutch, CLA

**States of Incarceration**

**Conveners:** Kevin Murphy, History, CLA, Jean O'Brien, History, CLA, Katherine Hayes, Anthropology, CLA

**Thinking and Organizing at the Margins of Traditional Housing**

**Conveners:** Eric Goldfischer, Geography, Environment, and Society, CLA, Teresa Gowan, Sociology, CLA

*\*projects marked with an asterisk indicate collaborations that have applied for and received funding over multiple fiscal years*



## INSTITUTE FOR ADVANCED STUDY

### **MISSION, VISION, AND VALUES**

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#### **OUR MISSION**

The Institute for Advanced Study pursues its vision through three primary strategies. First, it provides a physical space where artists, scientists, and scholars can engage in and share their work. This strategy encompasses not only scheduled events and presentations, but also unplanned encounters and serious play that facilitate unexpected inspiration, revelation, and collaboration. Second, it supports faculty fellowships and research collaborative programs that bring together artists, scientists, and scholars from across and beyond the University. Third, it convenes symposia to catalyze conversations across the University of Minnesota that highlight innovative research.

#### **OUR VISION**

The Institute for Advanced Study seeks to ignite creative, innovative, and profound research and discovery in the sciences, humanities, and the arts. The Institute for Advanced Study is a site, concept, and a community dedicated to public and intellectual exchanges across the fields of human endeavor.

## OUR VALUES

The IAS embraces core principles to guide our work and aspirations:

- **Inclusivity and Diversity:** We recognize that diverse peoples and ways of knowing have previously been excluded from the academy to the impoverishment of human knowledge and wellbeing. We actively seek out and support the inclusion of diverse perspectives and peoples in education and the production of new knowledge.
- **Interdisciplinary Engagement:** The IAS seeks to bring wide-ranging disciplines together to define critical questions, problems, and interdisciplinary approaches for research from the earliest stages of the process, not as an afterthought. We believe interdisciplinarity benefits creativity and learning, and can also serve to deepen disciplinary questions and methods.
- **Collaboration:** We support and facilitate collaboration—the power of collective thinking, understanding, and action—across disciplines and professions, institutions, and all types of boundaries. The IAS models collaboration in our programming and relationships.
- **Full Exploration of the Realms of Knowledge:** We encourage research and creative activity on all scales without narrow instrumental application, recognizing that we cannot know what knowledge may ignite imagination and have utility and value for society in the future.
- **Serving the Public Good:** The IAS is an intellectual and physical space where the University and the larger community intersect. We convene critical conversations to examine collective values and the role of a land-grant institution in defining and promoting the public good and a just and equitable society, with full recognition of the contested nature of the “public” and its interests. We encourage community engagement to inform our scholarship and to transfer the benefits of academic research and production to the larger world.

## INSTITUTE FOR ADVANCED STUDY FINANCIAL STATEMENT, 2017-2018

### NONSPONSORED

#### Income

Central allocation	1,069,233
1-time allocation for Open Rivers	240,000
Cosponsorships	6,425
Director's research	5,000
IonE Mini grant to Nunnally	3,000
Imagine Fund, CLA, & Leppert for Race & Justice series (FY19)	12,000
Imagine Fund for Housing Conference (collaborative)	6,000
Imagine Fund for Larasati research 5,000	
Carryforward - encumbered (Collaboratives)	48,705
Carryforward - encumbered (River Life)	45,463
Carryforward - unencumbered	81,458

**Total Nonsponsored Income: 1,522,284**

#### Expenses

IAS Director and staff salary/fringe	417,414
River Life Program salary/fringe	212,910
Residential Fellows	365,851
Research and Creative Collaboratives	87,405
Grand Challenges 5x5 Work Groups	17,257
Public programming	25,118
Cosponsorships	3,331
System campus outreach	488
Director's research	0
SSRC DPD costs contributed by IAS (cost share)	2,387
Larasati research	5,000
Bat of Minerva support	3,400
General expenses	22,780
River Life expenses	5,163
Central cost pools	152,963
Utilities	31,549
Enterprise and 27th pay period assessments	13,201
Carryforward - encumbered (Race & Justice, RLP, Collabs)	131,974
Carryforward - unencumbered	24,093

**Total Nonsponsored Expenses 1,522,284**

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**SPONSORED**

**Income**

Social Science Research Council - DPD (carried from FY17) 135,631

**Total Sponsored Income 135,631**

**Expenses**

Social Science Research Council - DPD 73,332

Carryforward to FY18 (committed funds, SSRC) 62,299

**Total Sponsored Expenses 135,631**

**GRAND TOTAL INCOME 1,647,490**

**GRAND TOTAL EXPENSES 1,647,490**



Institute for \_\_\_\_\_  
**ADVANCED STUDY**

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