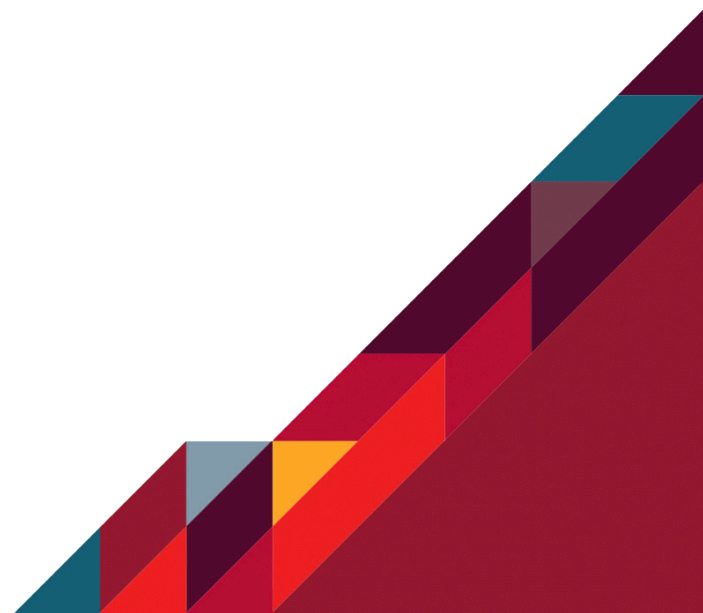

INSTITUTE FOR
ADVANCED STUDY
ANNUAL REPORT

16-17



INSTITUTE FOR ADVANCED STUDY

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THE IAS *AT A GLANCE*

2016-2017

Fellows and Collaboratives

Residential Fellows

- **19** Residential fellows
- **12** faculty fellows
- **1** Interdisciplinary Doctoral fellow
- **1** Community of Scholars fellow
- **6** Scholars and Artists in Residence

Fellows came from:

- **16** departments/disciplines
- **5** colleges/schools/divisions
- **3** campuses
- **2** other universities

Research and Creative Collaboratives

- **13** Collaboratives
- **40** Collaborative conveners
- **33** Faculty
- **4** Graduate students
- **2** Professional staff
- **1** Non-University

Conveners drawn from:

- **23** departments
- **11** colleges/schools/disciplines
- **2** campuses

Public Programming

IAS Thursdays

- **95** public programs sponsored by IAS
- **25** IAS Thursdays
- **6** of these jointly with collaboratives
- Average of **54** people at each IAS Thursday
- **2** IAS Thursdays presentations had over **100** in attendance; **2** had over **90**
- **7** speakers were connected directly to the work of residential faculty fellows
- **1** presentation on Duluth campus

Other Programming

- **63** presentations organized by Research and Creative Collaboratives
- **6** of these were part of the IAS Thursdays series
- Locations included Duluth campus, MN Historical Society, University of St. Thomas, and Mill City Museum
- **7** IAS Initiative programs

Campus and Community Collaboration

- **9** colleges/schools/disciplines offered support
- **6** participating organizations from outside the University
- **25** events cosponsored by the IAS, including film screenings, workshops, a master class in filmmaking, a teach-in, a musical performance, and many scholarly presentations
- **3** events involving out-of-town scholars unrelated to existing programming
- **2** were organized by former residential fellows
- **3** University Forum programs, responding to current events
- **2** information sessions about faculty fellowships

The IAS received **\$8,044** in cosponsorship funding; **56** University departments or other units supported IAS programming over a total of **130** public programs and events.

INSTITUTE FOR ADVANCED STUDY

RESIDENTIAL FELLOWSHIPS: COLLABORATIONS AND OUTCOMES

Forging Unexpected Partnerships

Since its founding, the IAS has offered programs that bring together artists, scientists, and scholars from across and beyond the University—indeed, this is explicitly affirmed in the Institute’s mission statement. Why is this central to our mission? These stories from the past year demonstrate why.

When Scholarly Metaphor Becomes Reality

The residential fellows at the IAS in 2016-17 constituted our usual diverse mix of scholars and practitioners, working on a variety of projects ranging from a view of early cinematic depictions of female hysteria to a study of India’s underground electronics repair and reuse economy. Visiting scholar Sean Silver spent his time at the IAS developing a project on the history of complexity in early modern Europe. His thinking about the concept of complexity had been shaped by various textile metaphors: spinning, weaving, braiding of strands. At the IAS, he found himself in residence with Sarah Kusa, a fiber-based artist who works quite literally with spun, woven, and braided strands. As metaphor encountered material reality, Silver and Kusa exchanged ideas, resources, and contacts. Kusa found discussions with Silver and the colleagues he introduced added a new dimension to her work: “As someone who works primarily with her hands to create a visual result, my exchange with these individuals is helping to put words to my ideas in ways I was previously challenged to articulate.” Silver, meanwhile came to see the IAS as a living example of the philosophical understanding of complexity: effects cannot be predicted from causes; a situation or state in a complex system instead produces an outcome or new state in the system that could not be foreseen based only on analysis of the elements that make up that system. “IAS is a perfect example of such a system—a tangle of people, committed to their own tasks and to expanding the envelope of knowledge, engaged together in an uncertain, risky process of intellectual pioneering.”

Just as the metaphors of braiding and weaving interlaced fellows’ discussions in fall semester, conversations about networks and perspective helped reshape several projects. The fellows found encouragement from each other to pursue new ways of working and means of analysis. Michael Goldman was led to “consider the realms of aesthetics, the visual, and the role of voice” in his sociological study of global cities, while artist Diane Willow came to the realization that she needed to pursue what she called “an ecological perspective” to contextualize her study of path-breaking women artists in digital technologies.

In sum, it's been an amazing and productive semester, one in which time seemed to open up and offer ample space in which to tackle a number of conceptual problems I was having with my book manuscript. And now, I'm left with another problem: Should I attribute IAS as my co-author?

-Michael Goldman, Faculty Fellow, Spring 2017

INSTITUTE FOR ADVANCED STUDY PUBLIC PROGRAMMING: CRITICAL CONCERNS, ENGAGING NEW AUDIENCES

Looking Toward the Future

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.

Examining the Hydrosocial

The hydrosocial—the theoretical perspective that examines water and human communities in inextricable relationships—has attracted growing attention in recent years. This concept is at the heart of the River Life Project and informed much of our work in 2016-17, particularly as we considered how to contribute to the University’s Grand Challenges Research Initiative. How can the concept of the hydrosocial contribute to solving the grand challenges of assuring clean water and sustainable ecosystems, and fostering just and equitable communities?

Assembling a wide team of collaborators from diverse programs and departments in liberal arts, sciences, policy, and design, as well as partners from community organizations, we explored ways to connect human stories of water with biophysical data about soil and water systems. Although our proposed project on this topic was not ultimately chosen for funding, our discussions about how to create and implement necessary water practices that are more place-sensitive and culturally resonant will continue.

These concerns also informed two of the issues of *Open Rivers: Water, Place, and Community* published in 2016-17: *Interventions* (Fall 2016) and *Networks & Collaboration* (Winter 2017). We further explored relations between people and water in two IAS Thursdays presentations organized by the River Life Program: “We Are Water: The University and Minnesota’s Water Future” on February 9 and “A Sense of Where You Are: Water, Place, and Community,” on April 13. The latter program was part of a Heritage Residency largely sponsored by the University’s Imagine Fund.

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

Forging Unexpected Partnerships

IAS Thursdays: Across the University and Beyond - the IAS Honors Seminar

Where can an undergraduate student find an Honors seminar that delves into multispecies families, settler colonialism, the FLUXUS movement, fermentation, and public space activism—all in one semester? At the IAS, of course!

For the past ten years, IAS Managing Director Susannah Smith has taught a seminar in the University Honors Program that incorporates IAS Thursday presentations with discussion, writing, and student excursions to other public programs across the University. This year, twelve students from across the University, representing the Colleges of Biological Sciences, Design, Liberal Arts, and Science & Engineering, participated in the seminar. The students discussed background readings in advance of the presentations to give them some idea of the topic under discussion. Following each presentation, they considered the main themes and issues presented, as well as larger questions of what constitutes authority or truth in different disciplines and what modes of presentation are better (or worse) for different kinds of information. Each student led one seminar discussion. This seminar was sometimes challenging when the students were faced with complex theoretical presentations or with subjects that were far from their own knowledge and experience. Smith offered this advice to her students: “Be open to what is being presented. It might be challenging; it might seem silly. Be present, engage with it, and don’t give up.” The beauty of the seminar was that students helped each other work through the complicated ideas, with Smith as a guide.

The seminar is meant to introduce students to the wide range of scholarly and creative endeavor at the University—so one requirement is that the students attend one University-sponsored event of their choice, write a report, and made an in-class presentation about what they did. The choice of events is as diverse as the students themselves: this year one toured an art gallery, and others attended talks on the physics of invisibility, food sovereignty, the possibility of living on Mars, and supply chains and logistics, to name just a few.

The seminar is designed to engage undergraduates in the intellectual life at the University, and in spring 2017 it succeeded in that goal.

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

Forging Unexpected Partnerships

IAS Thursdays: Across the University and Beyond - the IAS Honors Seminar

From Student Evaluations of the IAS Honors Seminar:

“Loved the class so much and would love to take it again.”

“Overall I enjoyed this class despite the challenging topics.”

“The class was challenging, but good. Got me out of my comfort zone.”

“I gained confidence in public speaking.”

INSTITUTE FOR ADVANCED STUDY STAFF

Meet Our Team

JENNIFER GUNN
DIRECTOR

SUSANNAH SMITH
MANAGING DIRECTOR

PATRICK NUNNALLY
COORDINATOR, RIVER LIFE PROGRAM

CHRISTINA COLLINS
PRINCIPLE OFFICE AND ADMINISTRATIVE
SPECIALIST

IAS Administrative Support

Linh Do
Emilee Reynolds
Megan Tripp

Emily Hest
Angel Smaller

**Research and Creative Collaborative Research
Assistants**

Akin Campbell
Stefanie Kowalczyk
Mo Li
Vicki Ong

Caitlin Gunn
Reba Juetten
David Melendez
Joseph Pnewski

PHYLLIS MESSENGER
GRANTS COORDINATOR

JOANNE RICHARDSON
DIGITAL INFORMATION STRATEGIST,
RIVER LIFE PROGRAM

BRIANNA MENNING
PROGRAMMING AND COMMUNICATIONS

KAREN KINOSHITA
EXECUTIVE OFFICE AND ADMINISTRATIVE
SPECIALIST

AARON VICTORIN-VANGERUD
DIGITAL MEDIA AND WEB SUPPORT

Open Rivers Assistant Editor
Laurie Moberg

River Life Program Research Assistants
Maxyne Friesen Maria Lee

INSTITUTE FOR ADVANCED STUDY **ADVISORY BOARD 2016-2017**

Heidi Barajas

Organizational Leadership, Policy, and Development

Matthew Britzer-Stull

University Honors Program and School of Music

Valentine Cadieux

Environmental Studies, Hamline University

Bianet Castellanos

Department of American Studies

David Chang

Department of History

Jill Doerfler

American Indian Studies, UM-Duluth

Cari Hatcher

Northrop Presents

Volkan Isler

Computer Science and Engineering

Nicholas Jordan

Agronomy and Plant Genetics

Diane Mullin

Weisman Art Museum

Jennifer Rothchild

Sociology, UM-Morris

Katherine Solomonson

School of Architecture

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

INSTITUTE FOR ADVANCED STUDY RESIDENTIAL FELLOWS 2016-2017

FACULTY FELLOWS, FALL 2016

Margaret Hennefeld, Cultural Studies and Comparative Literature, CLA, Twin Cities
Death from Laughter, Female Hysteria, and Early Cinema

Joshua Page, Sociology, CLA, Twin Cities
Criminal Debts: Predatory Government and the Remaking of American Citizenship

Christopher Roberts, Law School, Twin Cities
Lost Duties: Searching for the Other Half of Our Rights

Karen-Sue Taussig, Anthropology, CLA, Twin Cities
Genomics and Its Publics

Eva von Dassow, Classical and Near Eastern Studies, CLA, Twin Cities
The Ancient Near East and the Modern West

Barbara Welke, History, CLA, Twin Cities
The Course of a Life

FACULTY FELLOWS, SPRING 2017

Michael Goldman, Sociology and Global Studies, CLA, Twin Cities
Visualizing Urban Futures: Speculation and Sacrifice in the Making of Global Cities

Jean Langford, Anthropology, CLA, Twin Cities
Animal Bedlam: Troubled Animals and Interspecies Care

Daniela Sandler, Architecture, CDes, Twin Cities
Pragmatic Visionaries: Activist Architecture and Informal Urbanism in Contemporary São Paulo

Geoff Sheagley, Political Science, CLA, Duluth
The Political Psychology of Income Inequality

Mary Vavrus, Communication Studies, CLA, Twin Cities
Postfeminist War: Women in the Media-Military-Industrial Complex

Diane Willow, Art, CLA, Twin Cities
By Any Medium Necessary

INSTITUTE FOR ADVANCED STUDY RESIDENTIAL FELLOWS 2016-2017

KERMIT AND IONE EBELTOFT INTERDISCIPLINARY DOCTORAL FELLOW

Julia Corwin, Geography, Environment & Society, CLA, Twin Cities
Local yet global: Mapping India's electronics repair and reuse economies

COMMUNITY OF SCHOLARS FELLOW, 2016-2017

Mai See Thao, Anthropology, CLA, Twin Cities
Bittersweet Migrations: Type II Diabetes and Healing in the Hmong Diaspora

SCHOLARS AND ARTISTS IN RESIDENCE, 2016-2017

Jovana Babovic, Independent Scholar
Yugoslav Metropolis: Entertainment, Urban Life, and the Making of a European Capital between the Two Wars

Hangtae Cho, Asian Languages and Literatures, CLA, Twin Cities
The Two Koreas: Growing Divergence in Language and Society

Jacqueline Johnson, Sociology, Morris
This is my country: A longitudinal study of the social construction of political awareness and national identity using children's art work

Sarah Kusa, Multidisciplinary Artist
Interconnected, a Kinetic Art Installation

Changpei Meng, School of Foreign Languages, Guizhou Normal College
The History of Hmong Writing Systems Used in the U.S.

Sean Silver, English, University of Michigan
A History of Complexity: 1650-1800

INSTITUTE FOR ADVANCED STUDY
RESEARCH AND CREATIVE COLLABORATIVES
2016-2017

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

Digital Storytelling for Youth Empowerment*

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

Fused Realities II

Conveners: Randy Hanson, Geography, Urban, Environment, and Sustainability Studies, CLA, Duluth, David Gore, Communication, CLA, Duluth, Kathryn Milun, Anthropology, CLA, Duluth

Heritage

Conveners: Gregory Donofrio, School of Architecture, CDES, Katherine Hayes, Anthropology, CLA, Kevin Murphy, History, CLA, Daniela Sandler, Architecture, CDES

Improvising Ecosystems

Conveners: Diane Willow, Art, CLA, Scott Currie, Music, CLA, Maja Radovanlija, Music, CLA

Inclusive Game Design

Conveners: David Beard, Writing Studies, CLA, Duluth, Elizabeth LaPensee, Research for Indigenous Community Health, CoP, Duluth, Nicolaas VanMeerten, Educational Psychology, CEHD

INSTITUTE FOR ADVANCED STUDY
RESEARCH AND CREATIVE COLLABORATIVES
2016-2017

Mapping Inquiries into Mind and Consciousness Across the Academy

Conveners: Thomas Wolfe, History, CLA, Michael Maratsos, Child Psychology, CEHD

The Pharmaceutical Nexus: Interdisciplinary Conversations and Methodologies

Conveners: Margaret Flood, History of Medicine, Medical School, Dominique Tobbell, History of Medicine, Medical School, Sophia Strosberg, Geography, Environment, and Society, CLA

Philosophies of Life

Conveners: Travis Workman, Asian Languages and Literatures, CLA, Suvadip Sinha, Asian Languages and Literatures, CLA

Physical Computing and the Internet of Things

Conveners: Lana Yarosh, Computer Science & Engineering, CSE, Diane Willow, Art, CLA, Lucy Dunne, Design, Housing and Apparel, CDES, Barry Kudrowitz, Design, Housing and Apparel, CDES, Loren Terveen, Computer Science & Engineering, CSE, Brad Holschuh, Design, Housing and Apparel, CDES

Research for Indigenous Community Health

Conveners: Michelle Johnson-Jennings, Research for Indigenous Community Health/Pharmacy Practice and Pharmaceutical Sciences, CoP, Duluth, Derek Jennings, Pharmacy Practice and Pharmaceutical Sciences, CoP, Duluth

**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

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, 2016-2017

NONSPONSORED

Income

Central allocation	1,017,350
1-time allocation for GC Interdisc Work Groups	121,600
1-time allocation for Open Rivers	31,160
Honors support for teaching	10,675
Director's research	5,000
Cosponsorships	8,044
Imagine Fund - Heritage	5,300
Imagine Fund - Gunn research	5,000
Support from CSE for visiting fellow (FY16)	7,035
Carryforward	349,196

Total Nonsponsored Income: 1,560,360

Expenses

IAS Director and staff salary/fringe	414,137
River Life Program salary/fringe	200,856
Residential Fellows	361,227
Research and Creative Collaboratives	124,112
Grand Challenges 5x5 Work Groups	18,700
Public programming	29,763
Cosponsorships	5,000
System campus outreach	1,109
External review	7,237
Web and logo redesign	7,469
Imagine Fund - Heritage project	5,258
Director's research	6,343
Bat of Minerva support	4,250
General expenses	16,655
Open Rivers expenses	349
Central cost pools	135,605
Utilities	32,783
Enterprise and 27th pay period assessments	13,882
Carryforward - encumbered (GC 5x5 and Collaboratives)	137,755
Carryforward - unencumbered	37,871

Total Nonsponsored Expenses 1,560,360

SPONSORED

Income

MN Historical Society - MNHS-UMN Partnership - carryforward	12,056
LCCMR St. Anthony Falls - carryforward	22,355
CCKF - Grasping Water - carryforward	13,380
CHCI-Duke University - Grasping Water - carryforward	5,792
Social Science Research Council - DPD	190,000

Total Sponsored Income **243,583**

Expenses

MN Historical Society - MNHS-UMN Partnership 2015-16	12,056
LCCMR St. Anthony Falls	22,355
CCKF - Grasping Water	13,380
CHCI-Duke University - Grasping Water	5,792
Social Science Research Council - DPD	54,369
Carryforward to FY18 (committed funds, SSRC)	135,631

Total Sponsored Expenses **243,583**

GRAND TOTAL INCOME 1,803,943

GRAND TOTAL EXPENSES 1,803,943