

## Looking Forward Through Program and Space Planning



### The Future of Young Library

The Provost has charged the Young Library Committee to develop a program concept for the use of this space incorporating strategic uses over the next 20-30 years. The project principles include:

- Division III has been experiencing significant growth and pedagogical evolution. These needs will be at the forefront of planning.
- The needs from and nature of a Science Library are also evolving.
- We will aim to showcase learning, some of which is now hidden (e.g., maker space, imaging, data visualization).

The Young Committee will be chaired by Kevin Shea and Susan Fliss (Dean of Libraries) and will include Randi Garcia (Psychology/Statistical & Data Sciences), Eric Jensen (Center for Design and Fabrication), Barbara Kellum (Archaeology/Art), Tom Laughner (Educational Technology Services), Jack Loveless (Geosciences), Rocco Piccinino (Science Librarian), and Dano Weisbord (Campus Sustainability and Space Planning).

The committee's work will encompass the 2017-18 academic year and will focus on questions like: what to do with science books, journals, and reserves, how to include emerging technologies like database curation, how to use Young as a connection space for the Division III community, how to incorporate novel teaching and learning spaces, and what level of library and other staffing to incorporate.



**Kevin Shea**  
Faculty Director  
kshea@smith.edu

[www.smith.edu/science/csc.php](http://www.smith.edu/science/csc.php)

**Tom Richardson**  
Administrative Director  
trichardson@smith.edu



### Teaching & Learning Spaces

At a Science Planning meeting in February 2017, Dano Weisbord (Director of Campus Sustainability & Space Planning) presented the results of a comprehensive utilization study of learning spaces on campus. Themes include:

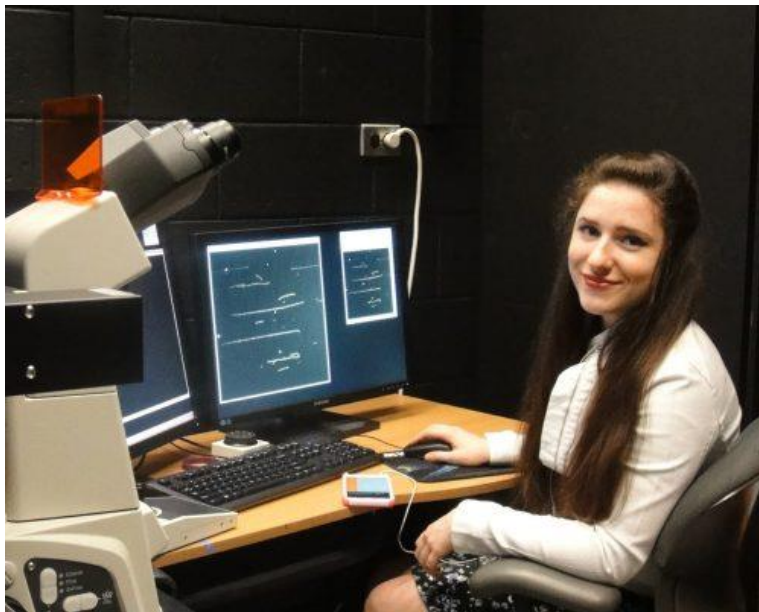
1. Classrooms are too crowded
2. Classes are scheduled heavily during certain times, leaving classroom space underutilized
3. Classrooms must be technology-rich spaces that foster collaboration and case study analysis
4. There are not enough large, flat floor, flexible classrooms
5. There is not enough small discussion group space

Smith has now initiated a master planning process to address the study findings. The first step in this process is to complete the campus survey to highlight what we like and dislike about current spaces. Our consultants, Sasaki Associates, will synthesize the survey results into actionable data. Tom Richardson will ensure there is a mechanism for Science Planning to provide input to the College process.

**Quick Facility Updates**

Planning is underway to relocate the colonies in the **Animal Care Facility** temporarily to install a new HVAC system and perform some minor updates to the facility itself. The zebrafish will remain in place. We are expecting to relocate the colonies in August 2018 and to complete the construction by June 2019.

We are considering implementation of **additional security** measures across the Science Center after two break-ins over the summer in Burton/Sabin-Reed. We are also working with the college to install card readers on additional spaces posing significant risk. Factors include the presence of materials that pose a risk of injury, the presence of expensive or sensitive equipment and the scope of after-hours student access.



*Amalia Driller-Colangelo (Neuroscience '18) using the Total Internal Reflection Fluorescence Microscope (TIRFM) recently installed in [the CMI \(Center for Microscopy & Imaging\)](#) in Sabin-Reed Hall.*

**Science Planning Committee  
AY2018**

Kevin Shea (Chair)  
Sandy Doucett (Development)  
Andrew Guswa (EGR)  
Mary Harrington (NSC)  
Benita Jackson (PSY)  
James Lowenthal (AST)  
Courtney Lannert (PHY)  
Minh Ly (Inst. Research)  
Bob Newton (GEO)  
Joe O'Rourke (CSC, SDS)  
Kate Queeney (CHM)  
Amy Rhodes (ESP)  
Tom Richardson (Clark)  
Stacey Schmeidel (Media)  
Stan Scordilis (BCH)  
Barbara Solow (Media)  
Julianna Tymoczko (MTH)  
Chris White-Ziegler (BIO)  
Sarah Witkowski (ESS)  
Marilyn Woodman (Development)

Equipment Subcommittee (small)

Tom Richardson (Chair)  
Tony Caldanaro  
Sue Froelich  
Robert Newton  
Stan Scordilis  
Kevin Shea  
Cristina Suarez  
Doreen Weinberger

Equipment Subcommittee (large)

Tom Richardson (Chair)  
Marc Anderson (CABR)  
Louie Bierwert (BIO)  
Tony Caldanaro (CATS)  
Jon Caris (SAL)  
Nathan Derr (BIO)  
Sue Froehlich (EGR)  
Eric Jensen (CDF)  
Bob Newton (GEO, ESP)  
Joe O'Rourke (CSC, SDS)  
Dana Parsons (PHY)  
Margaret Rakas (Clark)  
Kevin Shea (Clark)  
Cristina Suarez (CHM)  
Stan Scordilis (BIO, BCH)  
Doreen Weinberger (PHY)

**Did You Know...**

...almost 19,000 square feet of Science Center space is used for **storage**? That is roughly equivalent to all five floors of Burton Hall! Please consider paring down some of what you have in storage. Contact [Heather McQueen](#) for coordination of clean-out efforts you would like to start. Thank you for helping us to optimize space utilization.

# Self-Scheduled Science Exams 2017-18

## Overview:

With the elimination of library space to offer self-scheduled exams during the semester, we have implemented a new system where faculty can offer self-scheduled exams in Seelye Hall. Open hours are at night during the week and all day on the weekend.

(Unfortunately, we do not have the capacity to offer this service during regular class hours, M-F 8:00 AM - 5:00 PM.) Faculty will post exams on Moodle. Students will print exams in the basement, complete exams on the third floor, and return exams to a lock box in the Seelye basement.

The process has gone well this semester for faculty and students. For those thinking of trying it in the future, more details are below. Please contact Kevin Shea or [Heather McQueen](#) with questions or for more detailed instructions.

We want to thank all of the people who have worked hard to make this exam service possible: the Science Center administrative staff, the Science Center CATS group, Eric Jensen in the Center for Design and Fabrication, the Registrar's Office, the Provost's Office, the ETS staff, and the ITS staff, especially Joe Bacal. After piloting several solutions over the past two semesters, we have come to what we hope is a reasonable solution for faculty and students.

## Basic Details:

1. Faculty upload exam on Moodle following instructions which will limit the time the exam is available and permit access only from the Seelye computers. Please use the word "exam" in the filename.
2. Faculty add a label to the lock box in the hallway outside B8 with name of subject/course.
3. Students print the exam in Seelye B8, using the "ExamPrinting" queue. Date/time are automatically printed on the exam. This queue should be used only for exam printing.
4. Students take the exam on the third floor of Seelye which has been designated as a quiet study area after 5:00 PM on weekdays and all weekend. (These spaces are not available during the week between 8:00 AM – 5:00 PM because of regularly scheduled classes.)
5. Students return to the Seelye basement hallway, manually time stamp and staple the exam (attached to the top of the lock box), and place the exam in the appropriately labeled slot in the lock box.
6. As soon as possible, faculty pick up exams from the lock box in the hallway. (Faculty can get the combination lock code from Science Center administrative staff.)



*The new Self-Scheduled Exam Box in Seelye B8*

## Welcome our New Tenure-Track Faculty

[Jordan Crouser](#), Assistant Professor in the Department of Computer Science earned his M.Sc. and PhD degrees in Computer Science from Tufts University, and holds a B.A. in Mathematics and Computer Science from Smith.



His research interests center on Human-Computer Interaction and Visual Analytics, with a focus on human computation and human-computer teams. He has spent the last year in a visiting position as a MassMutual Fellow at

Smith in the department of Statistical & Data Sciences, prior to which he spent two years at MIT Lincoln Labs.

[Miles Ott](#), Assistant Professor in the Statistical & Data Sciences Program obtained his PhD from Brown University in Biostatistics in 2013. Since then he has taught at Carleton College, and most recently has been an Assistant Professor of Mathematics and Statistics at



Augsburg College. His research focuses on statistical methods for sampling hard-to-reach populations, such as those who have contracted HIV or Hepatitis C. He discovered a systematic bias in the most common sampling method, respondent driven

sampling (RDS), and has designed a novel estimator that corrects this bias. He is co-PI on several NIH and NSF grants. Miles graduated with a major in Mathematics and minor in Computer Science from Smith College in 2001, and is excited to return.

[Sarah Witkowski](#), Associate Professor in the Department of Exercise & Sport Studies, received her



PhD in exercise physiology from the University of Maryland, and worked as a postdoctoral research associate at their Molecular Systems and Functional Genomics Laboratories before joining the Department of Kinesiology at the University of Massachusetts. The overall goal of her research is to

understand the cells and signals that promote cardiovascular health, repair and regeneration. Some of her recent research focuses on the role of regular physical activity to alter menopause-associated reductions in vascular function. As a coach and former field hockey and lacrosse college athlete, she is equally comfortable in the lab and on the field.

## ...and Welcome our New Non-Tenure-Track Faculty

[Kerry Barnett](#)

Postdoctoral Fellow and Lecturer in Chemistry

[Christian Hamann](#)

Visiting Associate Professor in Chemistry

[Lu Lu](#)

Visiting Assistant Professor in Statistical & Data Sciences, Mass Mutual Faculty Fellow

[Nuru Tracey](#)

Visiting Assistant Professor in Chemistry

[Erica Tibbetts](#)

Lecturer in Exercise & Sport Studies

