

Science, Technology, and Society Program Annual Report for 2009-10

Jim Fleming, STS Program Director

STS Majors (24) and Minors (10)

Name	Class	
Bromley, Nicholas	'10	minor
Evans, Alice	'10	major
Huntington, Foster	'10	major
Opalacz, Daniel	'10	major
Westhafer, James	'10	major
Boezeman, Emiko L.	'11	major
Bonnheim, Noah B.	'11	major
Carter, Sarah M.	'11	major
Cizmar, Stephan J.	'11	major
Crommett, Marisa K.	'11	major
Eaton, Elizabeth G.	'11	major
Eberly, Nathan A.	'11	minor
Fleming, Amie R.	'11	major
Haver, Hana L.	'11	major
Koallick, Alexander M.	'11	minor
Rashid, Fazal	'11	minor
Schnettler, Erin M.	'11	minor
Sheppard, Danielle C.	'11	major
Gorman, Tucker W.	'11J	major
Canning, Robert T.	'12	major
Donovan, Kyle P.	'12	minor
Kasprak, Christopher J.	'12	major
Meehan, Thomas P.	'12	minor
Moallem, J. Arya	'12	major
Phillips, Spencer C.	'12	minor
Reynolds, Amanda L.	'12	major
Sintetos, Nicole G.	'12	major
Stevenson, K. Campbell M.	'12	major
Weiner, Margie L.	'12	major
Feng, Victoria Y.	'13	major
Hussey, Daniel K.	'13	major
Kneeland, Kelly E.	'13	minor
McCarron, Eoin D.	'13	minor
Spatz, Charles C.	'13	major

STS Advisory Committee

Daniel Cohen (Philosophy), Fernando Gouvêa (Mathematics), Paul Josephson (History), Leonard Reich (Administrative Science and Science, Technology, and Society), Dale Skrien (Computer Science), James Webb (History); Jonathan Hallstrom (Music), Judy Stone (Biology), Laura Saltz (Art and American Studies), Andrea Tilden (Biology), Chandra Bhimull (Anthropology and African-American Studies), Lauren Lessing (Museum of Art); and Elizabeth Finch (Museum of Art)

STS Speaker Series

Mike MacCracken, The Climate Institute, *Is Climate Engineering an Option for Dealing with Climate Change?*
 Vladimir Jankovic, Manchester University, UK, *Science Studies in Europe* (Scone fest II)
 Elizabeth Finch, Colby, *An Artist at MIT: Gyorgy Kepes and the Center for Advanced Visual Studies* (Scone fest III)
 Marits Ertsen, University of Delft, Netherlands, *Nothing but Stored Environment: Structuring properties of irrigation system*
 Andrew Lawler, *Science Magazine*, *The Politics of Global Warming*
 Margaret Geller and Scott Kenyon, Harvard-Smithsonian Center for Astrophysics, *Two Personal Views of the Universe* (joint with Astronomy and Physics)
 Teasel Muir Harmony, MIT, *From Spacecraft to Icon: Friendship 7's Second Mission*
 Eric Sanderson, Wildlife Conservation Society, *Geographic approaches to nature conservation: Wildlife, wild places and Mannahatta* (joint with ES)
 Dale Potts, Colby Research Scholar, *R. Porter & Co.: Aerial Transports, the Useful Arts, and the "Best Route to California, 1849* (STS Banquet speaker)

Student Projects

STS Senior Projects (presented at the Celebration of Research)

Nick Bromley, *Thirty Pieces of Silver: A Dystopian Science-Fiction Story.*
 Alice Evans, *Why the Clash? Complimentary and Alternative Medicine in the Western Biomedical System.*
 Daniel Opalacz and Foster Huntington, UAV Aerial GIS Data Acquisition and Colby Systems Integration, [Http://uavbuild.blogspot.com](http://uavbuild.blogspot.com)
 Zachary Rich, *The Asthma Puzzle: A Comparison of Factors Contributing to Asthma in the US and China.*
 James Westhafer, *The Maturation of the Armed Sky: A Comparison of the Influences on German and American Aerial Warfare Technologies from 1914 -1945.*

NSF EPSCoR Belgrade History Projects (presented at the Celebration of Research)

Erin Schnettler, *A Geological and Geographical History of the Belgrade Lakes Region: The Illusory Timelessness of the Landscape*

Danielle Sheppard, Summer Camps in the Belgrade Lakes Region: A Case Study of Environmental History

James Westhafer, Art in the Belgrades: A Preliminary Look at the History of Visual Art, Literature, and Music in the Belgrade Lakes Region

ST 298, Climate Change History and Public Policy, 10 student research papers on Earth System Scientists (*presented at the Celebration of Research*)

ST 112, Intro to STS, 9 student posters (teams of 3), http://www.colby.edu/sts/st112_2010/posters2/ and 27 research papers (*presented at the Celebration of Research*)

Advising

Class of '10 Prof. Fleming

Class of '11 Prof. Fleming

Class of '12 Prof. Reich

Class of '13 Prof. Fleming

Diversity

Prof. Fleming served on the WGSS Advisory Committee

Program achievements, problems, and anticipated changes.

Carole Evans became the Administrative Secretary for STS in 2009.

Lunder Curator of American Art, Elizabeth Finch joined the STS Advisory Committee

Technology Rules; We Submit, by Paul Josephson, *Colby Magazine* ([Winter 2010](#))

Fleming Testified on Capitol Hill, *Colby Magazine* ([Winter 2010](#))

Foster Huntington ('10) and Dan Opalacz ('10) built and flew an instrumented UAV with grant support from the Goldfarb Center and STS, <http://uavbuild.blogspot.com>. Their work was featured in *Inside Colby*, http://www.insidecolby.com/blogs/index.php?blog=8&title=seniors_learn_to_fly&more=1&c=1&tb=1&pb=1

Two Colby students, Noah Bonnheim ('11) and Mandy Reynolds ('12) attended the International Conference on Climate Intervention, Asilomar, CA, March 2010 and presented posters, <http://www.colby.edu/sts/2010asilomar>

Zachary Rich ('10), who completed an STS Senior Project on asthma, was awarded a Fulbright Scholarship to study in China on the same topic.

Dale Potts taught a very well received STS JanPlan on international environmental history.

Three Colby students, Erin Schnettler ('11), Danielle Sheppard ('11), and James Westhafer ('10) engaged in historical research sponsored by the NSF EPSCoR grant. Along with Prof. Fleming, Dr. Mel Croft and Pat Burdick served as informal advisors. The students participated in the Celebration of Research symposium and will also present at the *40th Annual Maine Lakes Conference, June 26, 2010, Colby College* -- "Exploring the History of the Belgrade Lakes Region: Geology, geography, camps, and artistic expression," Erin Schnettler, Danielle Sheppard, and James Westhafer.

STS proposed that Colby establish a tenure-track position in biomedical social issues. We will be applying to NSF for a postdoctoral scholar in this field.

STS has no identity space. We proposed the use of Miller 319 as a seminar room. Twenty-one students signed a petition, but no action has yet been taken.