

CURRICULUM VITAE

University of Idaho

NAME: Banerjee, Somaditya

DATE: February 2016

RANK OR TITLE: Assistant Professor of History

DEPARTMENT: History

OFFICE LOCATION AND CAMPUS ZIP: Administration 315, 3175

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DATE OF FIRST EMPLOYMENT AT UI: September 2013

DATE OF TENURE: Untenured.

DATE OF PRESENT RANK OR TITLE: February 9, 2016.

EDUCATION BEYOND HIGH SCHOOL:

Ph.D., History, University of British Columbia, Vancouver, BC, October 2013,
History of Science

M.A., History of Science & Technology, University of Minnesota, Minneapolis, MN,
July 2007, History of Science, Technology and Medicine.

M.S., Physics, University of Arkansas, Fayetteville, AR, May 2005, Quantum Optics.

M.Sc., Physics, University of Pune, Pune, Maharashtra, May 2002, Radio Astronomy

B.Sc. (Hons) Physics, St. Xavier's College, Kolkata, West Bengal, June 1999, Physics

EXPERIENCE:**Teaching, Extension and Research Appointments:**

2013-present, Assistant Professor (tenure-track), Department of History,
University of Idaho

2010-2012, Lecturer, Simon Fraser University, Vancouver, BC, Canada.

2007-2013, Graduate Teaching Assistant, Department of History, University of
British Columbia

2009, Research Assistant, Professor Alexei Kojevnikov, University of British
Columbia.

2008, Research Assistant, Professor Tina Loo, University of British Columbia.

2006, Graduate School Fellow, University of Minnesota.

2006, Research Assistant, Professor Sally Gregory Kohlstedt, University of
Minnesota.

2005-2007, Graduate Teaching Assistant, University of Minnesota.

2002-2005, Graduate Teaching Assistant, University of Arkansas.

2004, Research Assistant, Professor Daniel Kennefick.

2001-2002, Research Assistant, Professor Rajaram Nityananda, National Centre
for Radio Astrophysics (NCRA), Pune, India.

2001, Research Assistant, Professor A.N. Ramaprakash, Inter University Centre
for Astronomy and Astrophysics (IUCAA), Pune, India.

2001, Visiting Research Fellow, Harish-Chandra Research Institute (HRI),
Allahabad, India.

Foreign Languages:

Bengali
Hindi
Marathi
German.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization: History of science and technology; modern India, history of physics, South Asian cultural and intellectual, 1757-present; science and technology studies in Asia.

Courses Taught:

University of British Columbia (Spring 2009)
Science and Society

Simon Fraser University (Fall 2011)
Introduction to the History of Physics.

Simon Fraser University (Fall 2012)
South Asia and Modernity

University of Idaho:

World History, 1650-present
World History, 1650-present (online)
History of Science (from antiquity to 1800)
Modern India (1757-1947)
The Making of Modern Science from Frankenstein to Einstein
Graduate Seminar on Science, Technology and Culture
Modern India (online)
Scientific Revolutions (online)
Historians Craft (online)
History of Science 2 (1700-present)

Students Advised:

Phd committee: committee member

James McNaughton (Historical Archaeology)

Nathan Allison (Historical Archaeology)

Shana Hirsch (Water Resources)

Undergraduate Students: (advised to completion of degree, number per year)
Advised 15 in Fall advising 2014, 15 in Spring 2015, 15 in Fall 2015, 20 in Spring 2016.

Invited Lectures at the University of Idaho

Guest Lectures in 5 classes in five departments/programs at University of Idaho.

SCHOLARSHIP ACCOMPLISHMENTS:**Publications:****Books:**

The Making of Modern Science in Colonial India (under contract with Ashgate Press)

Refereed Journal Articles:

“C.V. Raman and Colonial Physics: Acoustics and the Quantum,” *Physics in Perspective* (No. 2, Vol. 16, 2014) pp. 146-178.

Book Reviews in Scholarly Journals:

Review of “The Outsourcer: The Story of India’s IT Revolution,” *Science* Vol. 348, No. 6240, (June 2015), pp. 1214.

Review of “Age of Entanglement: German and Indian Intellectuals across Empire,” *Isis* Vol. 105, No. 4 (December 2014), pp. 859-860

Review of "Atomic State: Big Science in Twentieth Century India," *The British Journal for the History of Science*, Vol. 47, No. 3, (September 2014) pp. 753-754.

Review of “Nucleus and Nation: Scientists, International Networks and Power in India,” by Robert Anderson, *Annals of Science*, Vol. 71. No.1 (01 Jan, 2014) pp. 107-110.

Works in progress

Books:

Haldane, Mahalanobis and the Rise of Statistical Thinking in Postcolonial India (book manuscript in preparation)

Radio Astronomy and the Indian Space Research Organization (ISRO) (book manuscript in preparation).

Refereed Journal Articles:

“Transnational Quantum: Quantum Physics in India through the lens of Satyendranath Bose,” article manuscript in preparation for *Physics in Perspective*.

“Subaltern Science and Indian Nationalism: Meghnad Saha,” solicited article manuscript preparation for *Physics Today*.

Book Reviews:

Review of “Astronomy in India 1784-1876”, *Isis* (Forthcoming 2016)

Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:

UI Advising Workshop Fall 2014, Fall 2015.

“Albert Einstein: Classical Physics, Quantum Physics or Jewish Physics?” At the Department of History, University of Idaho, March 20, 2013. (Invited talk)

“A Vernacular Cosmopolitan: Satyendranath Bose and the Making of Modern Science in Colonial India.” At the Department of History, University of Idaho, March 19, 2013. (Invited talk)

“Rise of Nationalism in Early Twentieth Century India: A Conundrum of Ideas.”
At the Department of History & Philosophy, Montana State University, Dec 4, 2012. (Invited talk)

“Between Tradition, Modernity and Subalternity: Bhadrakalok science in Colonial India.” at the Department of History & Philosophy, Montana State University, Dec 3, 2012. (Invited talk)

“Satyendra Nath Bose: The Unsung Hero of India.” Delivered at the Joint Atlantic Seminar for the History of Physical Science (JASHOPS) conference at the University of Notre Dame, February 6, 2005. (Invited talk)

Honors and Awards:

2016, Applied for NSF grant for \$438,801.

2015, University of Idaho—Early Career Olsson Grant.

2015, University of Idaho--CLASS summer research grant.

2014, University of Idaho Research School, Faculty Seed Grant.

2014, American Institute of Physics, College Park, MD, National Grant-in-Aid award for research (2014)

2011, University of British Columbia, Nehru Award (for outstanding dissertation) in South Asian History, Institute of Asian Studies.

2010, University of British Columbia, Faculty of Arts Graduate Award.

2009, University of British Columbia, Graduate Student International Research Mobility Award, Office of the Provost.

2009, University of British Columbia, Faculty of Arts Graduate Award.

2009, University of British Columbia, Travel Research and Writing Graduate Award.

2007-2013, University of British Columbia, Doctoral Entrance Award.

2007, John Bardeen Fellowship at the American Physical Society, Boulder, Colorado.

2006, University of Minnesota, Research Fellowship

2005-2007, University of Minnesota, Two Year Graduate Award.

2002-2005, University of Arkansas, Graduate Award.

Professional Meeting Papers, Workshops, Showings, Recitals:

Poster exhibition “The Making of Modern Science in Colonial India” at the CLASS Research Expo, University of Idaho, September 2015

“History of Science Society’s Outreach to Historians in India and South Asia,” Roundtable discussion at the History of Science Annual Meeting in San Francisco, California, November 19-22, 2015.

“Satyendranath Bose and the *Kultur* of Science in early twentieth century India,” conference paper presentation at the annual meeting of the Society for the Social Studies of Science, Denver, Colorado, November 11-15, 2015. (declined due to lack of travel funds)

“Periphery on the Centre: C.V Raman, Colonial Physics and Indian Modernity,” conference paper presentation at the History of Science Annual Meeting in Chicago, November 6-9, 2014.

“Satyendranath Bose's many faces in Indian science: Nationalism in Cosmopolitanism and Cosmopolitanism in Nationalism in Colonial India.” Conference paper presentation in the Thirty first annual Spring Symposium on Brave New South Asia: Science, Technology and Society, University of Hawaii, Honolulu, April 16-18, 2014.

“Subaltern Science and Indian Nationalism: Meghnad Saha,” conference paper presentation at the History of Science Annual meeting in Boston, MA, November 21-24, 2013.

“Colonial Cosmopolitanism, Satyendranath Bose and Multi-hybridity in Indian science,” conference paper presentation to the South Asian Studies Association (SASA) in Utah (April 2014).

- “Albert Einstein: Classical Physics, Quantum Physics or Jewish Physics?” At the Department of History, University of Idaho, March 20, 2013. (Invited talk)
- “A Vernacular Cosmopolitan: Satyendranath Bose and the Making of Modern Science in Colonial India.” At the Department of History, University of Idaho, March 19, 2013. (Invited talk)
- “Rise of Nationalism in Early Twentieth Century India: A Conundrum of Ideas.” At the Department of History & Philosophy, Montana State University, Dec 4, 2012. (Invited talk)
- “Between Tradition, Modernity and Subalternity: Bhadrakalok science in Colonial India.” at the Department of History & Philosophy, Montana State University, Dec 3, 2012. (Invited talk)
- “Cosmopolitanism, Modernity and Physics in Early Twentieth Century India” conference paper presentation in Engaging India: Human and Social Dimensions of Science and Technology, University of Calgary, June 3, 2012.
- “Bhadrakalok Physics and Indian Science: The Case of Satyendranath Bose.” Conference paper presentation at the International Conference on the History of Science at Manipal University, Karnataka, India, December 14, 2011. (Invited talk).
- “Performing Science, Producing Nation: The Construction of Bhadrakalok Physics in Early 20th Century Colonial India.” Conference paper presentation at History of Science Society Annual Meeting, Cleveland, OH, November 5, 2011.
- “Practices of Science in Modern India” Organized this panel in the History of Science Society Annual Meeting in Phoenix, AZ, November 21, 2009.
- “On the Origins of the Raman Effect.” Conference paper presentation at the Midwest Junta for the History of Science Conference, Iowa State University, April 15, 2007.
- “Satyendra Nath Bose: The Unsung Hero of India.” Conference paper presentation at the Joint Atlantic Seminar for the History of Physical Science (JASHOPS) conference at the University of Notre Dame, February 6,

2005.(Invited talk)

SERVICE:

Major Committee Assignments:

2016: Seed Grant Review Committee

2016: Graduate Curriculum Committee, Department of History.

2014-15: Appointed Board Member, University Committee on General Education, University of Idaho

2014-present: Departmental Assessment Committee, History.

2014-present: Faculty Advisor for Indian Students Association, University of Idaho.

2015-present, Phi Alpha Theta Conference Organizing Committee.

Professional and Scholarly Organizations

History of Science Society

Society for the Social Studies of Science.

Canadian Historical Association.

Canadian Society for the History and Philosophy of Science.

American Physical Society.

Association for Asian Studies.

American Historical Association.

Corpus Research Institute, Kolkata.

Outreach Service:

Extended Learning Internship (ELI) mentor to Moscow High School.

Appointed Board Member, University Committee on General Education, University of Idaho (2014-15)

Faculty Advisor for Indian Students Association, University of Idaho (2014-2015)

Search Committee member (Dept. of Modern Language and Culture), University of Idaho, 2014.

Faculty Advisor for students embarking on research trips to India at the Martin Institute, University of Idaho.

Working with the Engineering and Physics department to create an interdisciplinary cluster on Science, Society and Culture University of Idaho.

Working with Tom Bitterwolf (Chemistry), Herbert Hess (Elec. Engg) and faculty in School of Mechanical and Materials Engineering and the College of Veterinary Medicine at WSU to create an interdisciplinary cluster on Science, Technology and Culture.

Strategic Collaborator in the SSHRC (Social Science and Humanities Research Council) funded 3 year \$200,000 Canadian STS project titled "Cosmopolitanism and the Local in Science and Nature" (from Nov 2014)

HSS South Asia Outreach Committee "Strategic Outreach Specialist".

Board Member, Standing Committee on Meetings and Programs (CoMP), History of Science Society (HSS).

Contributing Member of the Forum for History of Science in Asia (HSS).

Collaborating with the Corpus Research Institute and Institute of Historical Studies at Kolkata (India) to create a curriculum on History of Science at Calcutta University.

Volunteer in the History of Science Society (HSS) Mentorship Program.

Member of the Situating Science Cluster in Canada

References:

Angela N.H. Creager, Thomas M. Siebel Professor in the History of Science, Princeton University, creager@princeton.edu

David C. Cassidy, Professor of Natural Sciences, Hofstra University, David.Cassidy@hofstra.edu

Richard Lynn Kremer, Professor of History, Dartmouth College, Richard.l.kremer@dartmouth.edu

Peter Galison, Joseph Pellegrino University Professor of History of Science, Harvard University, galison@fas.harvard.edu

David Kaiser, Germeshausen Professor of the History of Science, MIT, dikaiser@mit.edu

Gregory Good, Director, Centre for History of Physics, American Institute of Physics, ggood@aip.org