



School of History, Technology, & Society

2011-2012 NEWSLETTER



Welcome to HTS! We appreciate your taking time to learn more about us. These are exciting times for the School, as we observe significant milestones and embark on new ventures.

Last year, HTS celebrated its twentieth anniversary. The festivities concluded with what for me was by far the most gratifying event of all: in early May, 18 graduating seniors marched across the stage to shake

A Note From the Chair

hands with President Peterson and receive their B.S. degree in HTS. Thirteen of these students graduated with honors. Several were headed to elite graduate programs and professional schools, and despite the tight job market, HTS graduates found employment in a wide array of occupations.

This year marks a similar watershed for our graduate program. Under the energetic leadership of Director of Graduate Studies John Krige, the program has never been healthier. The roster of students has reached an all-time high of thirty-two. In the fall of 2011 alone, four doctoral students successfully defended their dissertations. Our Ph.D.s and masters graduates continue to assume important positions as researchers and educators, not only in academia, but also in the public sector and in business.

Education in HTS builds upon two core foundations: our commitment to research, and our engagement with the world. Elsewhere in this newsletter you will find examples of the distinctive, original scholarship that has long been a hallmark of HTS faculty. Students imbibe this research culture, developing skills that will serve them their entire lives. All of our undergraduate majors complete a methods course and two research seminars, and many

pursue additional research projects under faculty supervision. Graduate students embark on research from their first days in the program and collectively run an ongoing forum for sharing results. This year, students gave presentations at the forum and at academic conferences such as SHOT, 4S, and HSS (see p. 5 for more details).

Our second cornerstone – engagement with the world—finds expression in many ways. In the past two years, HTS faculty members have published books on Cuba, Egypt, Israel, Shanghai, and emigrants to North America from around the globe. Our faculty and students are consistently among the most enthusiastic participants in the Institute's numerous study-abroad programs. Others engage the world more locally, in our own backyard, through various service projects aimed at improving life in Atlanta.

As long as the people value good communicators who work hard and can analyze and address societal challenges in their full complexity, our graduates will continue to thrive and make productive contributions to their city, their state, and their world.

Dr. Steven W. Usselman
Professor of History
School Chair

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A LETTER FROM THE UNDERGRADUATE DIRECTOR

The undergraduate program continues to thrive in HTS, and HTS majors continue to be impressive. Our students continue to achieve high levels of success, earning honors around Georgia Tech's campus, and beyond.

First, in 2011, we had our largest spring graduating class in several years as we watched 23 students go through commencement. Eight of those earned Highest Honors, three High Honors, and three Honors. (That means more than half of HTS graduates last year earned at least honors!) We also saw 13 students graduate last year with minors in history or sociology.

Over the past year, more than a dozen HTS students participated in undergraduate research. Since fall 2007, close to 20 HTS students have received Presidential Undergraduate Research Awards (PURAs) from Georgia Tech.

Last year, HTS recognized three of its outstanding majors with School Awards:

1. Denise Bringslid and Kaitlyn Whiteside (co-winners), Bellon Prize, awarded to an HTS undergraduate who has excelled in the areas of academic achievement, leadership, and personal integrity.

2. Todd Christopher and Della Hall (co-winners), Art Slotkin Award, which recognizes the HTS student who most exemplifies excellence in historical and social scholarship.

3. Ben Belden, HTS Chair's Award, recognizes the overall academic excellence of an HTS first year student at Georgia Tech (based upon the highest GPA).

In addition, Stephen Brincks won the award for best oral presentation at the Undergraduate Research Symposium; Katherine Hamblin won the "I Am Liberal Arts Award;" and Hannah Farhan and Denise Bringslid have both been accepted to Teach for America. And, there's many more. For instance, six of our 2011 spring graduates went on to graduate school or law school in the fall.

In an effort to keep up with our students, our faculty continues to try to inspire students with outstanding teaching and innovative new courses, including:

- Russian History
- Sociology of Crime
- History of Islamic Societies (to 1500)
- Globalization
- History of Rocketry

And, we continue to offer new and innovative HTS Seminars:

- The 1960s (Dr. Flamming)
- Great Religious Prophets Viewed Historically: Muhammad, Luther, Joseph Smith, Jesus (Dr. Foster)

Finally, Dr. Amy D'Unger won three awards. First, she won the Georgia Tech 2011 Outstanding Undergraduate Academic Advisor, Faculty Role. Second, she was named a National Academic Advising Association (NACADA) Outstanding Advising National Certificate of Merit recipient in the Faculty Advising category as part of the 2011 Annual Awards Program for Academic Advising. Finally, she was just named the NACADA Region IV (Southeast) Faculty Academic Advisor of the Year for 2012. Congrats Dr. D!



Dr. Bill Winders
Associate Professor of Sociology
Director of Undergraduate Studies

A LETTER FROM THE GRADUATE DIRECTOR



The graduate degree in the history and sociology of science and technology continues to flourish notwithstanding the economic climate. We now have 32 M.S. and Ph.D. students in the program of whom 18 are part time. This semester (fall 2011) we graduated three new Ph.D.s, all but one of whom has a job. Indeed over the last three years every one of our Ph.D. students (with the one exception just mentioned) is employed in positions that satisfied their academic objectives, and in which their degree made a significant difference

(see below).

The success of our program derives from a number of considerations. Our faculty is dedicated to advanced learning and to support for our graduate studies. We do not make a fetish of jobs in academia, providing extensive encouragement to students who seek other types of employment (in industry, in think-tanks, as public historians). We have a major program in place for graduate professionalization in which our cohort is trained in multiple skills that are often taken for granted (from writing a punchy CV to learning how to introduce visiting speakers). We have a weekly speaker's series that includes colleagues from other universities, talks by local faculty, and graduate professionalization activities. We encourage students to become professionally visible by giving papers at local, national and, when possible, international conferences. Indeed, no less than 15 HTS graduate students attended the meeting of the three societies (HSS, SHOT, 4S) in Cleveland this year thanks to a package

that included sources associated with my Kranzberg Professorship along with generous contributions from John Tone (HTS interim chair) and Susan Cozzens (Associate Dean for Research in the Ivan Allen College). Five of these students gave papers. Many of our Ph.D. candidates gain teaching experience as adjuncts in local universities and community colleges.

All of this effort is underpinned by an impressive infrastructure that includes individual, computer-equipped workspaces for full time students, a graduate lounge and kitchen, ongoing intellectual and administrative support by myself and LaDonna Bowen, dedicated library support by Bruce Henson, and outstanding technical assistance by Joe Zima.

All is not perfect of course. Our stipends are too low (though this semester five students have additional funding from various kinds of internal fellowships). Our curriculum needs modifying to be more flexible. We need to strengthen the sociology side of the program.

But all in all we can be happy and proud of what we have achieved, and can look forward with confidence to whatever an uncertain future has in store for us.

Ph.D. Graduate Job Placement

2008

Jahnvi Phalkey - Lecturer, Kings College, London, UK

2009

Christopher McGahey - Federal Patents Office, Wash. DC

Patrick Zander - Asst Professor, Georgia Gwinnett College

Yu Tao - Assistant Professor, Stevens Institute of Technology

Nathan Moon - Research Scientist, GT-CACP

2010

Fang Zhou - Assistant Professor, Georgia Gwinnett College

2011

Ashok Maharaj - Human Resources, TATA, India
Eric Hardy - Adjunct Assistant Professor, Loyola University

Dr. John Krige
Kranzberg Professor of History
Director of Graduate Studies

MEET OUR GRADUATE STUDENTS



Left to right: Sybrina Atwaters, Brian Pierce, Emily Gibson, Xiaoning Dai, Peter Westwick, Liang Yao, Brian Jirout, DGS John Krige, Jennifer Green, John Miller, Hannah Weksler, Glo Ross, Paul McKittrick, Ron Dempsey

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GRADUATE STUDENTS AT SHOT, 4S, & HSS CONFERENCES

Ph.D. students in the School of History, Technology, and Society (HTS) made a strong impression this past November during the annual meetings of the Society for the History of Technology (SHOT), History of Science Society (HSS), and the Society for the Social Studies of Science (4S), which were co-located and held simultaneously in Cleveland in November.

Fifteen students in the History and Sociology of Technology and Science Ph.D. program attended the meetings through funding from HTS, IAC Associate Dean for Research Susan Cozzens, and the B and B Stern Foundation. Five students made presentations: Hyoungh Joon An on Skylab and the begin-

nings of space science (4S); Lisa Borello on the gastric band (4S); Paulina Faraj on Nazi control of radio broadcasting (SHOT); Irina Nikiforova on the Turing prize in computing (SHOT); and Glo Ross on urban gardens in Atlanta (4S).

The whole group of students played a major role in ground organization for the meetings. The Assistant Secretary to SHOT wrote to John Krige, Director of the HTS graduate program, after the meetings recognizing the students' professionalism, graciousness, creativity, and enthusiasm. The students indicated that the conference experience was invaluable to them, particularly in understanding how to make a good presentation and the importance of

presenting a paper.

Story by Rebecca Keane, Communications Officer, Ivan Allen College of Liberal Arts



Former HTS undergraduate Todd Christopher, now in the Ph.D. program in the History of Science & Technology at Johns Hopkins, visits with Dr. Usselman at SHOT.

CONFERENCE PRESENTATIONS

Hyoungh Joon An, "Putting Science into Orbit: Skylab, the beginning of Science-in-Space"

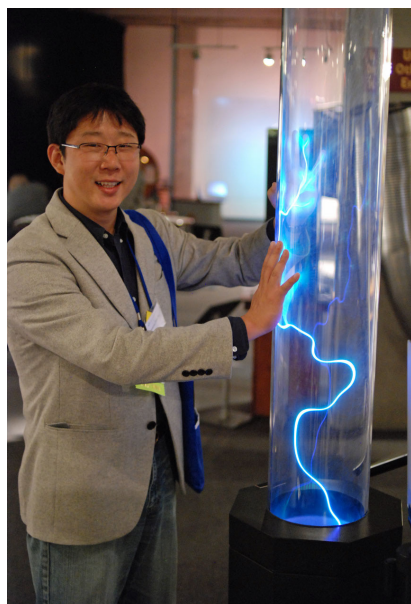
Lisa Borello, "The Foreign and the Familiar: Competing Constructions of the Gastric Band"

Paulina Faraj, "Radio Controlled Citizens: An Exami-

nation of the Decree by the Ministerial Council for the Defense of the Reich on 'Extraordinary Measures'"

Irina Nikiforova, "A Sociological Analysis of the Turing Prize Winners"

Gloria Ross, "Technological Frames and the Urban Agriculture Movement in Atlanta, GA"



HTS graduate student Joon An tests out his static electricity.



Dr. Bauchspies with Dr. Roli Varma (University of Mexico) at the Society for the Social Studies of Science meeting.

ALUMNI NEWS

David L. Morton

• I have been working as a web developer since 2007 in the College of Architecture, but this year I was promoted to Research Scientist. I currently work on sponsored research projects, including a new virtual mentoring environment for students in science, technology, engineering and math. The research unit I work for within COA, the Center for Assistive Technology and Environmental Access, is a multidisciplinary organization that develops and evaluates new technologies for people with disabilities. My research agenda combines my interest in computing and the internet with academic and public history. Along those lines, one thing I am pursuing is the use of “augmented reality” software to enhance the presentation of historical artifacts and places. In the near future, I hope to be able to engage HTS faculty and students in that research if possible. I have also started working on a book

that mixes the fields of the history of technology and the history of industrial design (which is more closely aligned with art history). For the past year I have also been teaching at Tech, but not in history; I teach web design at the graduate level in the Industrial Design program.

Lydia Karakolidis Cross

• July 1, I was promoted to the position of Director of the Graduate Academic Services Center in the College of Education at Georgia Southern University. We focus on proving student services and advising to graduate students.

Barbara Schantz

• I thought I'd update you on my status. I am a parent of two sets of twins (girls Greta & Cora, born in 2004, and boys Franklin & Carlton, born in 2008) and inventor of the patented Baby Dipper bowl. I have been selling Baby Dipper bowls since 2008 and just recently an-

nounced the launch of a new color of bowls (pink in addition to the standard blue we've had since 2008). For more information visit www.babydipper.com.

Robert Rivers

• I graduated from Tech (HTS '95) and I am currently employed by Spring Hill College (a Catholic liberal arts school in Mobile, AL – I live here in Atlanta and am the Director of the Atlanta campus). I am also finished with the coursework for my Doctor of Ministry degree from Washington Theological Union, Washington, DC – all that is left, so to speak, is the doctoral project. Should be able to finish the defense and receive the degree by May 2013.

Olivia Scriven

Olivia A. Scriven, the first African American to earn a doctoral degree in HTS (2006), continues to live “outside the box.” In addition to teaching occasionally in HTS as an adjunct, Olivia is an entrepreneur. She has leveraged her graduate training, professional background in higher education administration, and research on African Americans and degree attainment in the sciences to build her Atlanta-based company -- Partners for Educational Development, Inc. With clients such as Iowa State University, Morehouse College, Shaw University, and the Human Sciences Research Council of South Africa, the company conducts commissioned research studies on race, gender and science; works with colleges and universities to design programs and secure external funding to recruit, retain and graduate under-represented groups



HTS Professor John Krige has won the Doreen and Jim McElvany 2011 Nonproliferation Challenge for his essay “The Proliferation Risks of Gas Centrifuge Enrichment at the Dawn of the NPT: New Light on the Negotiating History.”

An initiative of The James Martin Center for Nonproliferation at the Monterey Institute of International Studies, Middlebury College, the competition is designed to publish the most outstanding new thinking in the nonproliferation field.

Krige, who is Kranzberg Professor of the History of Technology and Director of Graduate Studies in the School of History, Technology, and Society, utilized overlooked archival sources to reassess the concerns of the negotiators of the Treaty on the Non-Proliferation of Nuclear Weapons (NPT) regarding the proliferation potential of gas centrifuges for uranium enrichment.

Krige has long been engaged in nuclear matters and viewed the McElvany competition as an opportunity to use historical insights to enrich current proliferation debates. “Deep personal satisfaction apart, this success has vindicated the importance of history to policy, and the value of crossing disciplinary boundaries and of breaking national frames of analysis.”

Congratulations to Dr. Krige on this notable achievement!

ALUMNI NEWS

in science, engineering and mathematics disciplines; and works with senior- and mid-level managers on strategic planning for organizational capacity development. Learn more about Olivia and her company at www.partnersforedu.org.

an Assistant Professor of Science & Technology Studies in the College of Engineering, Seoul National University, Korea. I teach STS courses to SNU engineering undergraduates, and advise graduate students through the Interdisciplinary Graduate Program in History and Philosophy of Science. I can be reached at hchoi1@snu.ac.kr.

Zach Procter

- I have just left the Gwinnett County Solicitor's Office and have joined The Ryczek Firm in Lawrenceville specializing in DUI Defense and Mediation and Arbitration.

Hyungsub Choi

- As of September 1, 2011, I have moved into a new position as

HTS ALUM SURVEY

Are you a B.S., M.S., or Ph.D. alum? If so, then keep an eye on your email for a survey being sent out by HTS.

As part of the ongoing assessment of our programs and in conjunction with our major five year external review, we need to collect some data on our alums.

What are you doing post-graduation? How are you using your degree? In what industry or profession do you work? Did you continue on for more education? These are just some of the questions we'll be asking, in an anonymous online survey format.

So, when you get the link, please click on it and fill out the survey!

Thanks!

Make sure to check out the HTS blog for important HTS announcements, opportunities, and much more!

www.hts.gatech.edu/blog



School of History, Technology, & Society

Welcome

Welcome to the blog for the School of History, Technology, and Society at Georgia Tech. This page will help you keep up with events happening in HTS, provide advising information for current students, inform you of upcoming recruiting events for prospective students, and share news with our HTS alums.

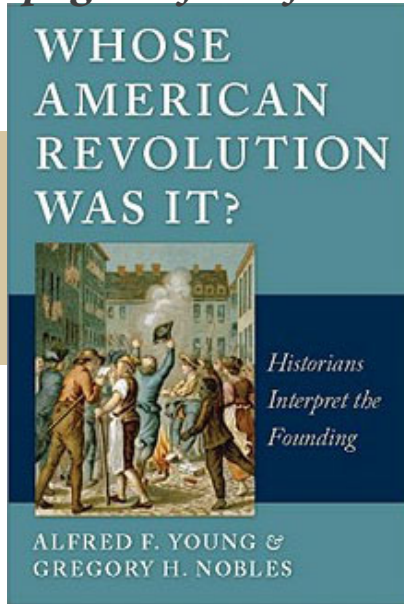
Want more information? Click on the "Contact Us" tab to the right or use the "Live Chat" function.



[IMPORTANT FORMS](#) [HTS HOMEPAGE](#) [CONTACT US](#)

FACULTY PUBLICATIONS, 2011 - 2012

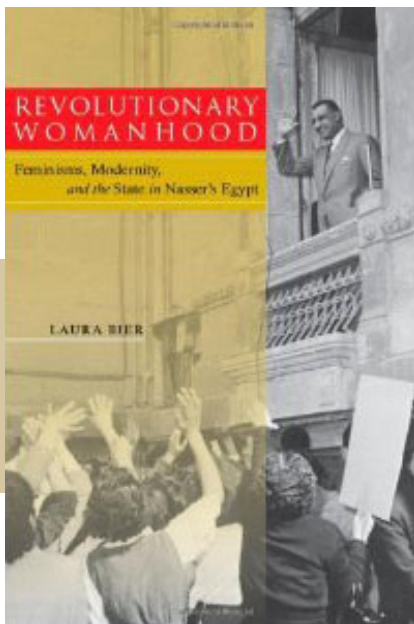
See page 11 for information on two award winning HTS books!



The meaning of the American Revolution has always been a much contested question, and asking it is particularly important today: the standard, easily digested narrative puts the Founding Fathers at the head of a unified movement, failing to acknowledge the deep divisions in Revolutionary-era society and the many different historical interpretations that have followed. *Whose American Revolution Was It?* speaks both to the ways diverse groups of Americans who lived through the Revolution might have answered that question and to the different ways historians through the decades have interpreted the Revolution for our own time. As the only volume to offer an accessible and sweeping discussion of the period's historiography and its historians, *Whose American Revolution Was It?* is an essential reference for anyone studying early American history. The first section, by Alfred F. Young, begins in 1925 with historian J. Franklin Jameson and takes the reader through the successive schools of interpretation up to the 1990s. The second section, by Gregory H. Nobles, focuses primarily on the ways present-day

historians have expanded our understanding of the broader social history of the Revolution, bringing onto the stage farmers and artisans, who made up the majority of white men, as well as African Americans, Native Americans, and women of all social classes.

**Book description courtesy of amazon.com*



The first major historical account of gender politics during the Nasser era, *Revolutionary Womanhood* analyzes feminism as a system of ideas and political practices, international in origin but local in iteration. Drawing connections between the secular nationalist projects that emerged in the 1950s and the gender politics of Islamism today, Laura Bier reveals how discussions about education, companionate marriage, and enlightened motherhood, as well as veiling, work, and other means of claiming public space created opportunities to reconsider the relationship between modernity, state feminism, and postcolonial state-building.

Bier highlights attempts by political elites under Nasser to transform Egyptian women into national subjects. These attempts to fashion a “new” yet authentically Egyptian woman both enabled and constrained women’s notions of gender, liberation, and agency. Ultimately, Bier challenges the common assumption that these emerging feminisms were somehow not culturally or religiously authentic, and details their

lasting impact on Egyptian womanhood today.

**Book description courtesy of amazon.com*

For a full list of faculty members and their research topics, please visit www.hts.gatech.edu/research.

SPRING 2012
HTS SPEAKER SERIES
4-5:30PM, OLD CE 104
**unless otherwise noted*

JANUARY 23
KEN KNOESPEL
[HTS] Science, Technology and Surveillance
in the Baltic

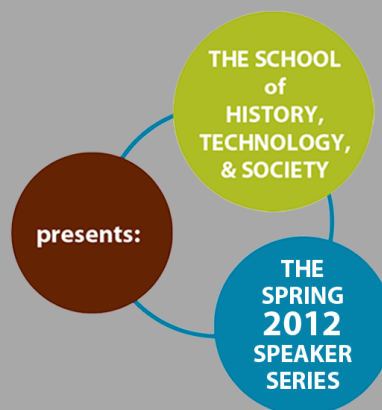
FEBRUARY 1
Black History Month
ALONDRA NELSON
[Columbia University] Body and Soul: The
Black Panther Party and the Fight Against
Medical Discrimination
**Neely Room, Library*

FEBRUARY 6
BRYANT SIMON
[Temple University] Learning about
America from Starbucks

FEBRUARY 20
JOHN TONE
[HTS] Medical Imperialism: Washington's
Disastrous Attempt to Sanitize the Global
South

FEBRUARY 27
JENNY SMITH
[HTS] Extruding Modernity: Emerging
Technologies for Feeding the World,
1960-1985

MARCH 5
Women's Awareness Month
MARGARET EDSON
Pulitzer prize winner and author of *Wit*, will
talk about language and her work
Co-sponsored with WST and LCC
**4:30PM, Clary Theater*



MARCH 26
JOHN KRIGE
[HTS] Managing Flows of Sensitive
Knowledge in an Interconnected World.
ITAR and Collaboration in Space Science

APRIL 2
ANNE POLLOCK
[LCC] Materiality and Global Flows in
South African Drug Discovery

APRIL 9
HANCHAO LU
[HTS] Christianity and Communism in
Mao's China

APRIL 16
ALISON SANDMAN
[James Madison University] What You
Needed to Know to Sail to the Philippines
in Early Seventeenth Century Iberia

APRIL 26
JIM FLEMING
[STS, Colby] Fixing the Sky: Rube Goldberg
meets Dr. Strangelove
Co-sponsored with ECON and PUBP
**Neely Room, Library*

NEW FACULTY PROFILE



Jennifer S. Singh is Assistant Professor in the School of History, Technology, and Society. She has a Ph.D. in sociology from the University of California, San Francisco and specializes in medical sociology and science and technology studies. She is interested in the intersections of genetics, health and society and draws on her experiences of working in the biotechnology industry as a molecular biologist and as a public health researcher at the Center for Disease Control and Prevention. Her research investigates the social and scientific understandings of diseases based on emerging medical technologies and currently focuses on the implications of genomic technologies on the etiology, diagnosis, and treatment of autism spectrum disorders. **Welcome Dr. Singh!**

HTS Faculty and Staff Win Awards at Annual Georgia Tech Ceremony



Congratulations to Ms. LaDonna Bowen and Professor Doug Flamming for each winning prestigious awards this past year.

Ms. Bowen was the recipient of the Ivan Allen College “Buzz Award” in recognition of her excellent service as an administrator and graduate advisor extraordinaire.

Dr. Flamming was given the 2011 ANAK Society award for outstanding service to the Institute and to the student body through teaching, research, advisement, and general involvement in campus life.



VISITING SCHOLAR PROFILE

Ayşe Gonullu Atakan joins us as a Visiting Scholar this year. She is a research assistant in Middle East Technical University (METU), Ankara, Turkey at Department of Sociology and Gender and Women’s Studies. She received an MSc degree in Gender and Women’s Studies from METU in 2005 with a thesis titled “Contemporary Women’s Activism in Engendering the Political Agenda: A Case of Legal Reform in Turkey.”

She is currently a Ph.D. candidate in the Department of Sociology in METU and doing her research on changes in women’s experiences with patriarchy during the rural transformation of a small Turkish district.

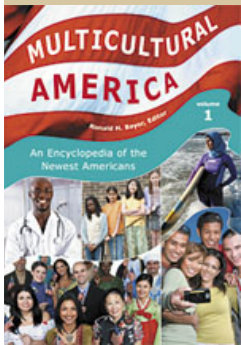
Her research interests include gender, rural change, and social movements. **Welcome Ayşe!**



HTS unveiled a brand new website in October 2011. Check it out at www.hts.gatech.edu.

The screenshot shows the Georgia Tech HTS website. At the top, the Georgia Tech logo is on the left, and the text 'Ivan Allen College of Liberal Arts' and 'SCHOOL OF History, Technology, & Society' is on the right. Below this is a navigation bar with links: Home, About HTS, People, Undergraduate Program, Graduate Program, and Research. The main content area features a large photo of Jon Schneer with the headline 'Sowing the Dragon's Teeth: Jon Schneer Reexamines the Roots of the Middle East Conflict'. To the right are sections for 'Current Students' (listing HTS Major, Minors, and Academic Advising) and 'Prospective Students' (listing Admissions, Campus Visits, and Financial Aid). Below the main photo is an 'About HTS' section with a pencil icon and the text 'HTS Newsletter'. To the right of this is an 'Our Research' section with a photo of students and text about the interdisciplinary nature of the school.

Books By Two HTS Professors Win Awards



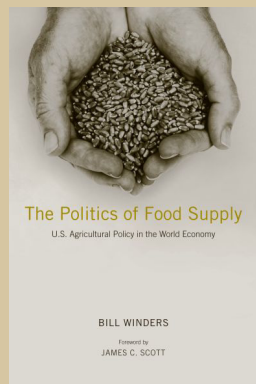
The 2011 Booklist Editors' Choice awards for Reference Sources includes *Multicultural America: An Encyclopedia of the Newest Americans* (Greenwood/ABC-CLIO, 2011), by Ronald Bayer, Professor of History in the School of History, Technology, and Society.

Booklist wrote about Bayer's work, "With well-written and easy-to-understand essays, this encyclopedia includes 50 entries on America's newest immigrants and would make an excellent addition to public, academic, and high-school libraries."

Booklist is a book-review magazine that has been published by the American Library Association for more than 100 years, and is widely viewed as offering the most reliable reviews to help libraries decide what to buy and to help library patrons and students decide what to read, view, or listen to.

The Political Economy of the World Systems (PEWS) section of the American Sociological Association has recognized Dr. Bill Winders' book *The Politics of Food Supply: U.S. Agricultural Policy in the World Economy* with its 2011 Outstanding Book Award. The book has also just been released in paperback, with a new preface by the author. Bill Winders is an Associate Professor of Sociology in the School of History, Technology, and Society.

Congratulations to Dr. Bayer and Dr. Winders on this recognition!





HTS faculty and students enjoy the patio and garden behind the Old Civil Engineering Building during the end of the year party in May.

Georgia Tech  **Ivan Allen College
of Liberal Arts**

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