



YALE UNIVERSITY
GRADUATE SCHOOL
OCTOBER

2007

Volume 10, Number 1

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SATURDAY, SEPTEMBER 29
Apple & Pumpkin Picking Trip
& Corn Maze. Lyman Orchards.
Bus from/to HGS. Tickets: 123 HGS

Bike trip
Sign up via email to
mcdougal.center@yale.edu

WEDNESDAY, OCTOBER 3, 7-8:30 PM
GSA meeting. 119 HGS.
Open to all. Also October 17, 31.

FRIDAY, OCTOBER 5, 5-7 PM
First Friday @ Five "Oktoberfest"
HGS Courtyard (Common Room
if rain). German music, pretzels,
sausage, beer & cider & more.

TUESDAY, OCTOBER 9, 4 PM
Wilbur Cross Medal Celebration
Talks by Carol T. Christ, Paul
Friedrich, Anne W. Robertson, and
John Suppe. See article for details

WEDNESDAY, OCTOBER 10, NOON
Grad Parent Outreach Group Lunch
Meeting, 119 HGS. Grad-Prof
parents, expectant parents, spouses/
partners & children meet monthly for
lunch & discussion.

FRIDAY, OCTOBER 12, 11 AM
Dedication of Asakawa Garden
Killingworth Courtyard of
Saybrook College

FRIDAY, OCTOBER 26
Midterm. Final day to add a
fall-term course.

SATURDAY, OCTOBER 27
Annual GPSCY Halloween Party
Gryphon's Pub

Full information on events above:
<http://research.yale.edu/cgi-bin/mcdougal/publish2.72/webevent.cgi>

This Year's Crop

For more information, see www.yale.edu/graduateschool/visitors/orientation.html

On a bright, warm Thursday in late August, the Graduate School officially welcomed 619 new students to its ranks, in a day-long series of events that has become a tradition at Yale. The newcomers join 2052 continuing students.

Out of the total, 414 are enrolled in Ph.D. programs, 108 in Master's degree programs, and 97 are non-degree candidates in the Division of Special Registration. Women outnumber men in the entering cohort, 323 to 296. The Humanities have

the fewest new students – 146 – compared to 247 in the Natural Sciences, and 226 in the Social Sciences. See page 2 for more statistics.



Following breakfast in the courtyard of HGS, students streamed down Wall Street to Sprague Hall for a formal academic ceremony conducted by Yale President Richard C. Levin.

The stage was crowded with University dignitaries, including the Dean of Yale College, the Chaplain, several vice presidents, and a host of faculty members. The audience included new students and, in many cases, members of their families.

The highlight of Matriculation was a speech by Dean Jon Butler (see page 3), followed by a performance of three songs by members of The Citations *a cappella* group.

Continued on page 2

Wilbur Cross Medal Winners

Four distinguished alumni of the Graduate School will be awarded the Wilbur Lucius Cross Medal, the Graduate School's highest honor, on Tuesday, October 9.

This year's honorees are Carol T. Christ, academic administrator and scholar of English literature; Paul Friedrich, linguistic anthropologist; Anne Walters Robertson, musicologist; and John Suppe, geologist.

Each Medalist will be honored at a lunch in his or her department, and each will give a talk at 4 pm, prior to a formal awards ceremony and dinner hosted by Dean Jon Butler. Christ will speak on "Mapping a Career in the Academy" in 319 Linsly-Chittenden Hall. Friedrich will present a talk titled "A Return to Yale" in Room 1, 51 Hillhouse Avenue. Robertson



Continued on page 4

◆◆◆ This Year's Crop, from page 1

The Dean spoke about "the passion that propels ideas" among scholars. He related graduate education to a stanza of William Blake's which The Citations performed in an arrangement by graduate student Christopher Crick (Computer Science) based on the famous setting called "Jerusalem" by British composer Charles H. H. Parry.

A reception on the lawn of the President's house followed, and guests had a chance to meet the President and Jane Levin as well as the Dean and Roxanne Butler. A string quartet played while visitors chatted

on the rolling lawn, sipping iced tea and lemonade and nibbling on cookies. A modern version of the old registry book was available for students to sign — the way registration was done before computers — and dozens of photos were taken that were later distributed at the Dean's Fall Reception on September 11.

A box-lunch picnic followed in the courtyard of HGS, during which all Graduate School staff, from deans to administrative assistants, wore matching blue t-shirts to make themselves easy to spot, in case new students had questions. Grad School

101 provided further orientation, with representatives from academic affairs, financial aid, and other offices. Each panel also had a DGS and an advanced student on hand to disentangle the complexities of successfully launching a graduate career at Yale.

The organized events of the day closed with a Graduate School Activities Fair, at which students and spouses could learn about and sign up for clubs and organiza-



tions, student government, and volunteer opportunities in New Haven. Informal evening

options for those not already exhausted included a pub crawl, a Cutters baseball game, and a performance of *As You Like It* by the Elm City Shakespeare Company in Edgerton Park.

And the next morning, registration for courses opened, and the school year began in earnest.



MATRICULATION BY THE NUMBERS

New students: 619

New international students: 250

Yale College alumni: 21

Largest doctoral programs:

BBS, 61

Chemistry, 37

Engineering, 32

Countries sending most students

China: 53

Germany: 32 (includes 24 DSR students)

India: 18



"Chariot of Fire"

MATRICULATION
AUGUST 30, 2007

DEAN JON BUTLER,
Graduate School of Arts and Sciences

President Levin; Officers of the University; Deans, Directors, and staff members of the Graduate School; and my colleagues in the faculty from so many different departments and programs who are on the stage with me – to all of you, my appreciation.

And especially, to each and to all of the extraordinary new students pursuing graduate work in an amazing variety of fields, and to their families and their friends: welcome to New Haven, welcome to Yale, welcome to the Graduate School of Arts and Sciences.

What a gorgeous, bright day on which to embark at Yale and, especially, to embark on graduate study!

To celebrate this beginning, I would like to think a bit about an aspect of graduate study that seldom draws attention: passion. A more stereotypical view of graduate study, indeed, often of intellectual work and intellectuals, is that it, and they, are passionless – pasty-faced, anemic, almost soulless.

Of course, such a description hardly could fit anyone at Yale. After last May's commencement, Yale students, faculty, and staff rushed to compete for parts in the new Harrison Ford Indiana Jones movie filmed here in July! Perhaps the "passionless" view of academia and intellectuality emanates from all those other universities you turned down to come to Yale!

Some famous lines by the Romantic poet William Blake offer unexpected insights into the strange links between passion and the lure of ideas that characterize pure research and scholarship. The lines preface Blake's prophetic poem, "Milton," written early in the 19th century, but they are perhaps best known to most of us as a hymn or separately standing poem subsequently entitled, "Jerusalem."

Almost immediately, we face problems in making Blake's very special and indeed peculiar poem relevant to the modern university and the modern world of ideas. The hymn is lustily sung at rugby and soccer matches in an arrangement made in 1916 by C. Hubert C. Parry and has become a veritable second British national anthem, surely an anomaly for a poet who died in obscurity.

Blake is one of Britain's most difficult poets, and his work elicits many interpretations. And Blake's mystical Christian focus did not actually reflect the already remarkable religious diversity of Britain in the early 19th century, to say nothing of the modern world and the student and faculty diversity so visibly displayed in this auditorium this morning.

Nonetheless, Blake was deeply prophetic and burned with a vision for a new society – a new Jerusalem – radiant with justice and honor and uprightness. To propel this aim, Blake evoked four of the most beautiful lines that have ever described the passion that propels ideas and the rush for truth:

*Bring me my bow of burning gold!
Bring me my arrows of desire!
Bring me my spear! O clouds, unfold!
Bring me my chariot of fire!*

At the heart of a great university is the passion for ideas evoked in the emotion of Blake's lines. And this passion for ideas is our purpose and our nature. It is what we are as a university. It is our being as a community of scholars.

We are here for a single, overriding purpose: to discover truths of the world, of its peoples, of human endeavor, and of life and nature, and to express those truths with the dignity and humility that truth demands.

Your own passion for ideas was implicit and explicit when you applied for graduate school a year

ago. Then, the question was, would you be chosen, and if so, whom would you choose among those who had chosen you?

What you brought to this choice of choices was your achievement as undergraduate scholars. Your excellence of achievement in the first stage of your college life was your "bow of burning gold." That attainment was not serendipitous, accidental, or aimless. It was directed, purposeful, and consciously shaped. It was human and highly individual. It was yours, and you created it through the urgent endeavor that by its human definition can be only individual.

It is this urgency of endeavor that propelled Blake to one of his most famous lines: "Bring me my chariot of fire." In this single, compelling image, Blake expressed the way truth drives itself. For a university, and for those who pursue research and scholarship, Blake evokes our most telling commitments – that we value ideas for themselves, that we find in them simply endless fascination, that we delight as much in the problems ideas create as we find satisfaction in solutions, that we find the search for truth imaginatively exhausting, that we are propelled never to stop.

We do, indeed, want you to develop professional skills and professional qualities. We want you to express yourself beautifully and clearly. We want you to be savvy about career issues... We want you to be self-critical and critical of others while advancing mutual respect and the community created in truthful scholarship and research. We want you to succeed and, indeed, to prosper, and we have no shame in saying that.

Yet the apogee of that success remains simple: that ideas matter most, for themselves, and for themselves alone. This is what makes graduate study, scholarship, and research so distinctive and continuously fascinating, so energizing, compelling, alluring, and irresistible; the passion for ideas is, indeed, a chariot propelled by its own internal drive, its own fire.

Is this passion mere abstraction? Quite the contrary. The passion for ideas is intimate and personal. It is you. It is the truth Blake exposed in the second of the four lines we have chosen from Jerusalem: "Bring me my arrows of desire." It comes back to your inquisitiveness, your curiosity, your initiative, your frustration with the corpse of orthodoxy – above all, your purposefulness in the passion you have, and must have, for ideas.

Only our individual "arrows of desire" pierce the mundane to bring forth the shimmering specificity of truth, the moment of recognition achieved in the concreteness of reality, not in the amorphous or the general or the vacuous.

If your passion for ideas, has not yet achieved the specificity, focus, and particularity that can be possible in a year or three, the process of getting there is at hand....

You are about to embark on one of the most intellectually free experiences of your life. Lose yourself in a microbiology laboratory, in the fields of the anthropologist, in the recesses of one of the world's truly great libraries. Pursue your intellectual hunches. Read and experiment until you cannot read

and experiment an ounce farther. Puzzle yourself into abstraction. And be true to the value of ideas and the honesty of truth.

There will be few enough times in which you will be able to pursue these aims so freely. Grab this time. None of us knows when it might come again. Blake was right to implore, and then exclaim, "Bring me my spear! O clouds unfold!" In a world soaked with the disappointing failures of our own generation, we need more... of your unalloyed passion for ideas and for the purity of ideals intrinsic to truth and to the human dignity the world's people deserve. We need more of



your "bow[s] of burning gold," more of your "arrows of desire." Only you can bring us your urgency and your idealism. Only you can realize their aims, perfect their ends.

It may seem a bit odd to close this morning's ceremonies with music. It's not. Sprague Hall, with its stunning acoustics, so generously lent to us by Yale's extraordinary School of Music, invites musical performance. In a university famous for singing, our performers are themselves graduate students, from cell biology to history and computer science to psychology – the Graduate School's distinctive *a cappella* singing group, The Citations.

Listen to them. You will see that their passion about ideas uplifts life beyond libraries and laboratories. Through their singing, hear what others made of Blake for their own purposes. And hear in their singing the expanse of graduate community, the community we invite you to join at Yale, the community we invite you to make, the community to which we welcome you this morning....

We are delighted you are here.

We welcome you as scholars. We honor your idealism. We hope that at Yale you realize your passion for ideas. We hope that at Yale you ride your "chariot of fire."

9 12

will speak on "The Earliest Christ-Mass and the Beginnings of the Cyclic Mass in Western Europe," in 207 W. L. Harkness Hall, and Suppe will present "The Weak Fault Problem and the Strength of the Crust," location TBA. The talks are open to the entire Yale community, but are especially intended for graduate students and faculty.

Christ (Ph.D. 1970, English) has been president of Smith College since 2002. She is author of two books on 19th century and modernist poetry, *The Finer Optic: The Aesthetic of Particularity in Victorian Poetry and Victorian and Modern Poetics*, and editor of the *Norton Anthology of English Literature*, which sets the standard for the study of British literature. Prior to assuming the presidency of Smith, Christ

Friedrich (Ph.D. 1957, Anthropology), professor emeritus of Anthropology, Linguistics, and Slavic Languages and Literatures at the University of Chicago, has made major contributions to those fields and to humanist thought in general. He has done groundbreaking work in ethno-poetics. His 11 books include four volumes of original poetry as well as *The 'Gita' within 'Walden'* (2004), *Music in Russian Poetry* (1998), *The Princes of Naranja: An Essay in Anthrohistorical Method* (1987), *The Language of Parallax: Linguistic Relativism and Poetic Indeterminacy* (1986), and others that range from studies of formal linguistics and Homeric Greek to political anthropology and 20th-century philology. His colleagues and former students compiled a festschrift in his honor: *Language, Cul-*

academic community, I have encountered no other scholar/professor more versatile, more productive, more original—nay, visionary—in his research and writing, at the same time that he is a uniquely dedicated and gifted teacher."

Robertson (Ph.D. 1984, Music) is the Claire Dux Swift Distinguished Service Professor in Music at the University of Chicago, where she has been on the faculty since she graduated from Yale. A classical pianist as well as a specialist in medieval and Renaissance music, she is author of two award-winning books, *The Service Books of the Royal Abbey of Saint-Denis: Images of Ritual and Music in the Middle Ages* (1992) and *Guillaume de Machaut and Reims: Context and Meaning in his Musical Works* (2003). Both are considered major interdisciplinary studies of the music and liturgy at the basilica where French royalty were buried and at the cathedral where they were crowned. As an academic administrator, Robertson has served as associate provost and deputy provost and participated in many university-wide committees. She has been on the Board of Directors of the American Musicological Society and served on committees for the NEH and the American Council of Learned Societies.

In his letter of nomination, Craig Wright, professor of the History of Music, wrote, "Her service to the greater university community at Chicago, her role as a teacher and mentor, and her extraordinary accomplishments as a scholar make Anne Robertson



READING THE BRICKS

A close look at HGS reveals the builders' sense of humor. Scattered bricks are incised with a W and a cross, denoting Wilbur Cross, dean of the Graduate School in 1930, when construction on HGS began. Other bricks show angel heads—a nod to James Angell, who was Yale president at the time.

is now one of the most intensely studied mountain belts in the world.

Suppe was elected to the National Academy of Sciences in 1995. He has been a visiting professor at the National Taiwan University, California Institute of Technology, the Universitat de Barcelona, and Nanjing University, and was a guest investigator for the NASA Magellan Mission to Venus.

"His work is of immense importance, not only to the theory of earth deformation, but to the location of petroleum resources and the assessment of earthquake hazards," said Mark Brandon, professor of Geology and Geophysics, in his letter of nomination. "John is one of the most influential and respected geologists in the world."

Since the first Wilbur Cross Medal was presented to Edgar Stephenson Furniss by the Graduate School Alumni Association (GSAA) in 1966, the awards have almost

WILBUR CROSS

had been Provost and Executive Vice Chancellor at UC Berkeley, where she had a "well established reputation as a champion of women's issues and diversity. She was also known for overseeing major building and renovations projects," noted Linda Peterson, the Niel Gray, Jr. Professor of English. In addition to Christ's administrative responsibilities, she has always found time to teach and pursue scholarship.

At Smith, Christ has spurred major renovations and additions to the fine arts center and botanical conservatory and overseen construction of both a fitness center and a campus center. She has also guided long-term plans for new science and engineering facilities. She has traveled extensively and reconnected Smith alumnae to their college.

Christ's "combination of high scholarship and academic leadership makes her a strong candidate for the Wilbur Cross Medal," Peterson said.

ture and the Individual: A Tribute to Paul Friedrich.

"Friedrich's extraordinary productivity, astonishing intellectual range, and deep devotion to generations of students make us believe that one could find no better representative of the scholarly traditions Yale has made its own, or a more deserving recipient of this signal honor," wrote J. Joseph Errington, professor, and Bernard Bate, assistant professor of Anthropology, in their letter recommending Friedrich for the Medal.

Deborah Tannen, University Professor at Georgetown and author, most recently, of *You're Wearing THAT?: Understanding Mothers and Daughters in Conversation*, wrote, "In my three decades as a member of the

a role model not only for women but for all young people working in a university environment today."

Suppe (Ph.D. 1969, Geology) is the Blair Professor of Geology at Princeton, where he has been on the faculty since 1971. He is author or editor of five books, including the highly successful textbook, *Principles of Structural Geology*. He is considered the world leader in the study of fundamental forces that act to deform the upper portion of the Earth's crust, concentrating on the role of large earthquakes and the development of new techniques for imaging active faults. He was the first to recognize the large-scale structure of the modern collision zone on the island of Taiwan—one of the most rapidly changing landscapes in the world. Taiwan was unknown to much of the geologic community until Suppe started publishing on the tectonic evolution of the area in the 1980s. That region

always been given at Commencement. Last year, the

Graduate School and the GSAA decided to shift the celebration to October, when the academic year would be in full swing. This would allow the medalists to have substantial intellectual interaction with students and faculty when they come to campus to be honored.

The medals are named for Wilbur Lucius Cross (1862–1948), who was dean of the Graduate School from 1916 to 1930. An alumnus of Yale College and the Graduate School (Ph.D. 1889, English), Cross was a scholar of distinction and author of *The Life and Times of Laurence Sterne* (1909), *The History of Henry Fielding* (1918), and other books on the English novel. He was a distinguished literary critic, rejuvenating and editing the Yale Review. Following his retirement from academia, Cross was governor of Connecticut for four terms.



Among the Nobel Laureates

 Kee Chan (Ph.D. 2007, EPH) was one of four researchers selected by the National Institutes of Health (NIH) to attend the 57th Lindau Meeting of Nobel laureates and students in Lindau, Germany this past July.



Since 1951, Nobel Laureates in chemistry, physics and physiology/medicine have convened annually in Lindau to meet with students and young researchers from around the world. The topic rotates among the Nobel Prize science disciplines, and this year's event focused on physiology and medicine. Laureates presented formal lectures during the morning and participated in small group discussions in the afternoon. The primary purpose of the Lindau event is to allow attendees, most of whom are students, to interact informally and exchange ideas with the Nobel Prize winners. Yale almost always has a representative among the invited students.

"Attending the Lindau meeting was an extraordinary experience," says Kee. "It was a great opportunity to exchange scientific thoughts with Nobel laureates and international students as well as learn about the laureates' thoughts on life outside of lab, on politics, public health, and religion. One evening, Hartmut Michel, who isolated and

crystallized the photosynthetic reaction center, sat across the dining table from me, and we talked about the future uses of biofuels and environmental health. I was particularly excited to tell him that I had taught structural biochemistry at UC San Diego and lectured about the x-ray crystallized structure of the protein complex that he discovered.

"Laureate Tim Hunt was very funny and shared personal anecdotes of his success as well as many instances of failure, frustration, and disappointment during his career."

Small group discussions ranged from specific scientific topics to the future of basic research. Kee enjoyed discussing how to bridge the gap between basic science and public health research, and the need to educate the public and policy-makers about both positive and negative consequences of scientific discoveries.

"The organizers of the Lindau Foundation emphasized the importance of balancing the productivity and creativity of the left and right hemispheres of the brain in sciences,

mathematics, art, and the humanities. After the meeting, the laureates and all the students attended a classical music concert together. At the end of the trip, Countess Sonja Bernadotte invited us to the Isle of Mainau across the Bodensee from Lindau, and we were able to see the beautiful flower gardens and butterflies house."

Kee, who graduated last May, conducted her dissertation research in Jennifer Puck's lab at NIH. Her research, advised at Yale by Michael Apkon and Melinda Pettigrew, focused on developing a screening test for newborn babies with severe combined immunodeficiency (SCID) in order to understand T cell diversity during gestation and the neonatal period and evaluate the costs and benefits of screening. The importance of this project is enormous: If infants with SCID are not treated, they develop overwhelming infections and organ damage and die within their first two years.

Kee now holds a tenure-track assistant professorship in the Department of Health Sciences at Boston University, where she teaches public health genomics and conducts public health research. She expects to continue studying the relationships between biological and psychosocial determinants during the perinatal period, infancy, and adolescence in order to assess the available strategies and determine the most effective ways of promoting children's health.

As a graduate student, Kee helped organize seminars to promote the exchange of scientific ideas between students and faculty. She was a member of Women in Science at Yale. At the Yale Child Lead Study Center, she volunteered as an art instructor for an after-school program for schoolchildren. At NIH, she was a member of the Graduate Student Council, recruiting speakers and organizing the agenda for the graduate student retreat.

Kee is also a dancer and a musician. After studying ballet from elementary school through high school, she took up ballroom dancing as an undergraduate at UCSD. At Yale, she added Latin dancing to her skills. She plays piano and Spanish and flamenco guitar.

"I really enjoyed being a graduate student" Kee says. "The curriculum at the School of Public Health allowed me to develop an interdisciplinary skill set in biology, policy-making, and public health. I learned and continue to learn new ways to balance work and life... Each person in my life has taught me the importance of making time to foster and nurture friendships. I truly thank them all."

New dossier services

The Graduate School has partnered with Interfolio to provide 24-hour service and personal management of files.

With Interfolio, students can control their credentials files, storing and managing documents and letters. The company promises quick turnaround when dossiers need to be sent out and offers many mailing options. Technological safeguards, including multiple levels of encryption, keep stored documents protected and secure.

"If you currently have a credential file housed in the dossier office of the Graduate School, or are planning to open one,

we are confident that you will find Interfolio to be an extremely convenient and efficient resource to manage your credentials online, and that you will continue to experience the highest level of personal service," said Dean Jon Butler in making the announcement.

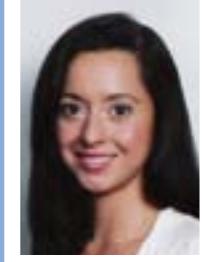
Yvette Barnard, coordinator of the Graduate School Dossier Office, will facilitate the transition to Interfolio.

All files that show activity after August 1, 2005, will be forwarded to Interfolio the

 To read more, see www.yale.edu/graduateschool/careers/dossier.html

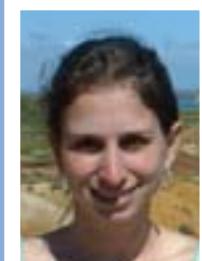
ANGELICA BERNAL

Angelica Bernal (Political Science) won the Christian Bay Best Paper Award for her paper, "Power, Powerlessness and Petroleum: Indigenous Environmental Claims and the Limits of International Law," which she presented at the American Political Science Association conference last year. The prize was given to her at the APSA meeting's New Political Science Plenary on September 1.



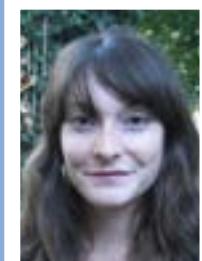
KELLY LEVIN

Kelly Levin (FES) has won a Switzer Foundation Fellowship—one of the nation's most prestigious awards for early-career environmental leaders. Her research is dedicated to enhancing the policy response to the problem of climate impacts to biodiversity. In addition to her doctoral research, Kelly is lead researcher for an upcoming Discovery Channel series on climate change and has also worked with the World Resources Institute to review the major climate change science literature of the past several years.



ALLISON WEINER

Allison Weiner (Comparative Literature) is the editor, with British scholar Simon Morgan Wortham, of *Encountering Derrida: Legacies and*



Futures of Deconstruction, forthcoming from Continuum Press in December 2007 in the Continuum Studies in Continental Philosophy Series. The volume, based on a conference held at the University of Portsmouth in Great Britain last year, contains essays by noted literary critics J. Hillis Miller, Peggy Kamuf, Geoffrey Bennington, Samuel Weber, and Joanna Hodge, among others, as well as an essay by Allison, "The Counterpromise: Derrida on the Instant of Blanchot's Death." Allison's dissertation, titled "Ethical Encounters: Refusals of Mastery in Henry James and Maurice Blanchot," is advised by Carol Jacobs and Wai Chee Dimock.

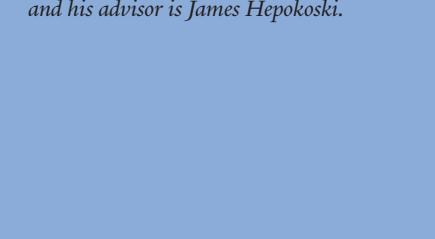
SETH MONAHAN

Seth Monahan (Music) has published an article, "Inescapable Coherence and the Failure of the Novel-Symphony in the Finale of Mahler's



Sixth," in 19th-Century Music, 31.1 (2007): 53–95. In the essay, Seth argues that this explosive early-modernist work stages a clash between formal paradigms,

one that portrays Beethovenian organicism as a malignant, corrosive force. He is working on a dissertation titled "The Narrative Matrices of Mahler's Symphonic Sonatas," and his advisor is James Hepokoski.



New Face

For a Graduate School directory, see
www.yale.edu/graduateschool/offices

Jennifer Frederick (Ph.D. 1999, Chemistry) has joined the Graduate Teaching Center as Associate Director for Science Education.

In this position, she will work closely with GTC Director Bill Rando and the GTC Fellows to develop, implement, and assess activities that enhance the teaching of science at Yale. She will also collaborate on projects with the Women Faculty Forum and Women in Science at Yale.

As a college student, she had a very hard time deciding whether to major in Chemistry or French, but, inspired by outstanding Chemistry teachers at Cornell, she opted for science and conducted research related to mechanisms of thiamine biosynthesis. Her research specialization is bioorganic chemistry, with a focus on the interactions between proteins and nucleic acids and transcriptional control mechanisms. Her dissertation is titled "Studies on the Interaction of Yeast and Archaeal TATA Binding Proteins."

Following graduation from Yale, Jennifer held a post-doc fellowship at Neurogen Corporation. While pursuing basic research to characterize potential drug targets, she expanded her knowledge of neurobiology, in particular the molecular basis for pain sensation. From 2000 to 2007, she was an assistant professor of Chemistry, first at the University of Bridgeport (UB), and then at Western Connecticut State University. In both positions, she taught courses and advised and mentored students, while serving on university committees, participating in faculty governance, and pursuing her own gene expression research focused on TRP ion channels.

In her new position at Yale, Jennifer is interested in continuing the trajectory of scholarship she began at UB. Working with a colleague to develop and teach a "Religion and Science" course to undergraduates sparked her interest in thinking about science from a



multi-disciplinary perspective and bringing it into dialogue with philosophical and religious viewpoints.

"Cutting-edge advances in post-genomic science are raising questions about life, death, and human identity that science alone is not equipped to answer," she says. "As a consequence, science educators will require a deeper interdisciplinary foundation in order to acknowledge these issues appropriately."

She returned to Yale during the summer of 2003 to assist her dissertation advisor, Alanna Schepartz, the Milton J. Harris Professor of Chemistry, in a project to develop a highly innovative lab course for undergraduates. The course, funded by the Howard Hughes Medical Institute, exposes chemistry

students to serious scientific research much earlier than in a standard curriculum.

"It is this terrific combination of teaching experience and passion for science education that made Jennifer such an outstanding candidate for the job, and that will bring enormous benefit to all Yale Teaching Fellows, especially those in the natural sciences, math, and engineering. We feel very fortunate that she has chosen to devote her talent and experience to our future faculty members," says Bill Rando.

"From being a teaching fellow at Yale, to mentoring younger colleagues at Neurogen, to sending undergraduate students from my lab to present at their first national science meeting, teaching has always been a part of me," she says. "Returning to Yale to work in the Graduate Teaching Center is my dream job—I have a lot to contribute, but also a great deal to learn. I hope the experience will be powerful and transformative for all of us."

Jennifer lives in Hamden with her husband Stephen Healey, associate professor and director of the World Religions program at UB, two stepdaughters and a son, a dog, and a cat. In her spare time she loves to read, garden, run marathons (now and then), go road biking, swimming, canoeing, and do kitchen chemistry with her kids.

Art and Emancipation

For information, http://ycba.yale.edu/exhibitions/exhibition_future.asp

To commemorate the 200th anniversary of the abolition of the British slave trade, the Yale Center for British Art (YCBA) has mounted a major new exhibition: "Art and Emancipation in Jamaica: Isaac Mendes Belisario and his Worlds," on view September 27 through December 30, after which it will travel to England, Jamaica, and other sites.

Curating the exhibition were Gillian Forrester, associate curator of prints and drawings at the YCBA; Tim Barringer, the Paul Mellon Professor of Art History and DGS of the History of Art; and Barbaro Martinez-Ruiz, an art historian at Stanford.

Fifth year graduate student Courtney J. Martin (History of Art) played a key role in the formation of this exhibition. She contributed substantially to the exhibition catalogue, in particular to the section about James Hakewell, a contemporary of Belisario who painted some of the same subjects, but in a very different style. Courtney wrote entries that are in the exhibition catalogue. She will speak about contemporary Anglo-Caribbean



artists at the museum on December 11 in the "Art in Context" series and will participate in the scholarly conference at the YCBA that will take place November 1-2.

"She had a chance to learn about the pleasures and pitfalls of being involved with a big exhibition project involving international loans and other complications," says Barringer, who is her dissertation advisor.

Although this is not the topic of her research ("Cyclones in the Metropole," a study of late-20th century British artists such as Mona Hatoum and Rasheed Araeen), she interrupted her dissertation work to immerse herself in Belisario.

"I wanted to be involved with a curatorial project," she explains. "I wanted to learn to catalogue and to organize on a large-scale. This project brings together so many different things."

Courtney came to Yale specifically because of the resources of the YCBA and its relationship to the History of Art department. "I have only good things to say about my program. This is exactly what I wanted: to do the kind of academic work that bridges fields," she notes.

After submitting her dissertation, Courtney plans on an academic career teach-



ing and studying 20th Century British art, including the art of the colonies and the interaction among British, European and American art.

"Art and Emancipation in Jamaica: Isaac Mendes Belisario and his Worlds" is the first exhibition ever to focus exclusively on the visual and material culture of slavery and emancipation in Jamaica. It includes works produced in both the Caribbean and Britain, a number drawn from collections in Jamaica which have been either rarely or never exhibited before.

Featuring objects from both high art and popular culture, the exhibition chronicles

the iconography of sugar and slavery from the inception of British rule in Jamaica in 1655 to the aftermath of emancipation in the 1840s.

At the center of the exhibition is a remarkable series of lithographs, *Sketches of Character, In Illustration of the Habits, and Costume of the Negro Population in the Island of Jamaica*, made by the Jewish-Jamaican artist, Isaac Mendes Belisario. Published in Jamaica in the 1830s, Sketches of Character provides the first detailed visual representation of Jonkonnu (or John Canoe), the celebrated Afro-Jamaican masquerade performed by the enslaved during the Christmas and New Year holidays. Tracing the West African roots of Jonkonnu, its evolution in Jamaica, and continuing transformation into the 21st century, the exhibition includes Jamaican and West African costumes and musical instruments, video footage of historic and contemporary performance, and a specially-commissioned sound-track. It also shows works by contemporary Jamaican and Afro-Caribbean artists that speak directly to the unfinished legacy of slavery. Lectures, performances, concerts, and films are scheduled throughout the run of the exhibition to expand on these themes.

Road Runners

A team of runners representing the McDougal Center won a trophy in New Haven's 30th annual Labor Day Road Race on September 3. The Yale runners took third place as a "corporate team" in the 2007 USA 20K Championship competition. The event raises money for several local charities, including the Yale Cancer Center, Connecticut Children's Medical Center, The Leukemia and Lymphoma Society's Team

in Training, and the Cindy Lynn Sherwin Memorial Foundation. About 5,000 people overall participated in the race, which includes a 5K, 20K, and children's run.

Runners and their times, left to right below: David Lebow (Political Science, 1:54), Serge Kobsa (School of Medicine, 1:43), Alma Liebrecht (School of Music, 1:37), Tarek Fadel (Chemical Engineering, 1:34), Filip Kolundzic (Chemistry, 1:31).



GSA: Who We Are and What We Do

The Graduate Student Assembly is an elected body of students representing all programs in the Yale Graduate School of Arts and Sciences.

We work closely with fellow students, university committees, and administrative offices to improve the academic, social, and living experiences of graduate students at Yale.

In the past, the GSA has been instrumental in the creation of the FEAST program that encourages teaching fellows and professors to eat together and interact outside the classroom, a new shuttle line that carries students from East Rock to the Nursing School and back, and a Conference Travel Fund (CTF) that distributes over \$30,000 a year so that students can present their research all over the country. Last year, the GSA carried out a survey on the proposed change in the grading scale and, thanks to the responses of nearly one thousand students, was able to successfully advocate for keeping the current P/H/P/H system.

This year, we at the GSA will be focusing on the importance of mentoring in graduate school. We will be sponsoring a university-wide Mentoring Week in late October at which individual departments will conduct workshops on the importance of meaningful interaction between gradu-

ate students and professors. The week will culminate in a conference featuring Kathy Barker, who has written extensively on the importance of leadership and mentoring in the natural sciences. Our other current initiatives also include the expansion and improvement of graduate student work and study space and provisions for more affordable dental insurance and childcare options to students.

We welcome any and all suggestions and feedback from our fellow graduate students. Please go to our website at www.yale.edu/gsa, where you can contact us by email, see the time and place of our next meeting, and find out who is the representative for your department. We look forward to hearing from you.

Pictured below, front row: Steering Committee member Elizabeth Kim; Bobbi Sutherland, Chair; Laura Thomas, secretary. Back row: Andrew Bellemere, vice chair; Dennis Mishler, head of CTF.

NICHOLAS GOODBODY, GSA PUBLICITY CHAIR



Remembering a Japanese Scholar

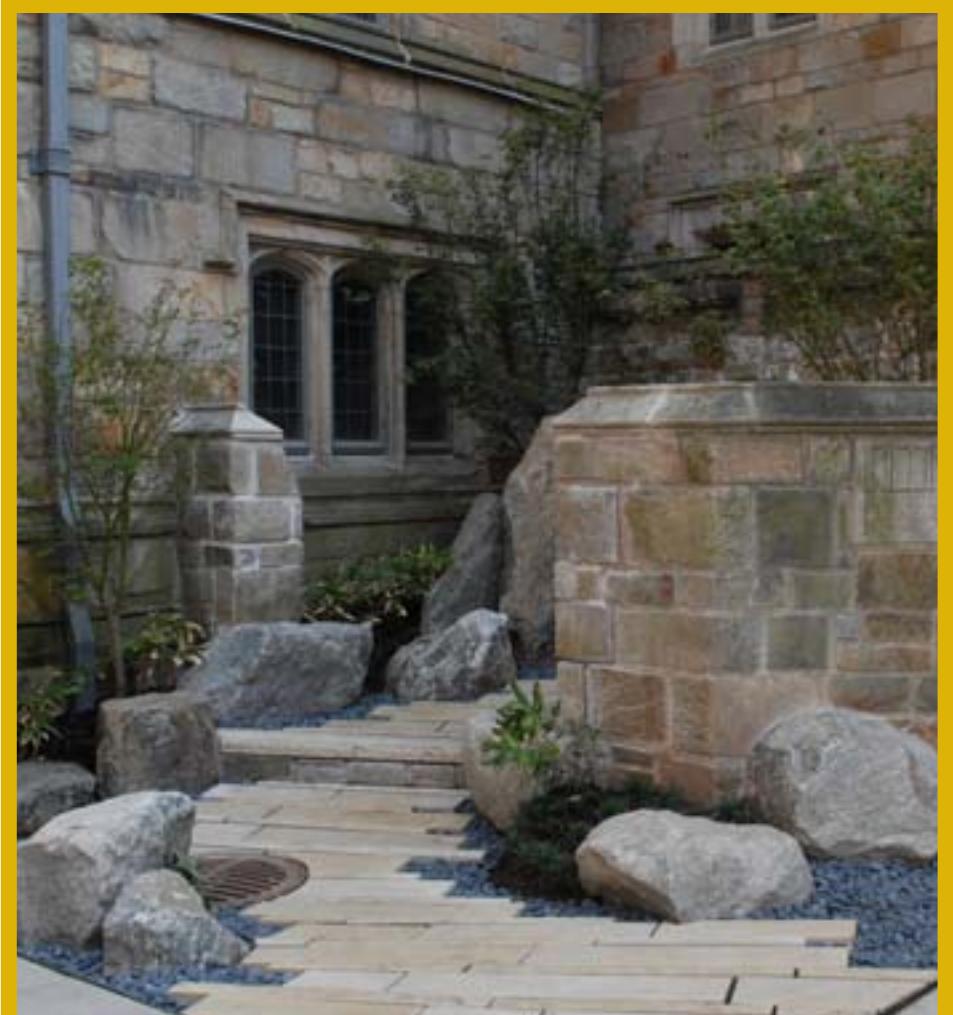
A garden honoring alumnus Kan'ichi Asakawa (Ph.D. 1902, History), who later joined the Yale faculty and served as the first curator of the East Asia Collection in Sterling Memorial Library, will be dedicated on October 12 at 11 am.

The Japanese-style garden has been constructed within Killingworth Courtyard of Saybrook College, where Asakawa was a resident faculty fellow in the 1930s.

The ceremony, planned by the Office of International Affairs and the Council on East Asian Studies, will include dedication remarks by Yale University Secretary and Vice President Linda Koch Lorimer (J.D. 1977), Japan's Ambassador to the U.S. Ryozo Kato (L.L.M. 1966), and other dignitaries. Edward Kamens (B.A. 1974, Ph.D. 1982, EALL), Sumitomo Professor of Japanese Studies and DGS of East Asian Languages and Literatures as well as

conference as an observer.

Asakawa went back to Japan in 1906 to collect materials for the Yale libraries and for the Library of Congress, and on his return to the United States, he was appointed an instructor in Japanese history and civilization at Yale. He was the first Japanese professor to teach at a major American college or university, and



of East Asian Studies, chaired the garden planning committee, which included faculty, staff, and students. Shin'ichiro Abe of Zen Associates of Boston was the architect/designer.

Born in Nihonmatsu, Japan, in 1873, Asakawa studied at the precursor of what is today Waseda University and then earned his bachelor's degree from Dartmouth College before enrolling in the Graduate School in 1899. He wrote his dissertation on reforms during the Taika era and was a scholar of Japan's feudal history.

He also deeply immersed himself in international affairs relating to Japan. His 1904 work, "The Russo-Japanese Conflict: Its Causes and Issues," written shortly after the outbreak of war that year, was widely credited with turning the world's opinion in favor of Japan. After the war, he participated in the U.S.-mediated Portsmouth Peace

he is considered the founder of East Asian Studies in the U.S. He taught at Yale for 36 years until his retirement from the History Department in 1942, and continued as curator of the East Asian Library until 1948, the year of his death. Asakawa's grave in Grove Street Cemetery is visited every year by busloads of travelers from Japan.

Throughout his life, Asakawa promoted international peace and amicable relations between the U.S. and Japan. In 1941, he led a campaign to urge U.S. President Franklin Roosevelt to send a personal letter to Emperor Hirohito to avert the coming of the war. The letter, which went through numerous revisions, reached Tokyo hours after the first warplane left for Pearl Harbor.

The garden was created through the generosity of Asakawa Kensho Kyokai, (Asakawa Peace Association), Waseda University, Yale alumnus Charles Schmitz (B.A. 1960, L.L.B. 1963) and many other donors.

Scavenger hunt

Armed with disposable cameras, an instruction sheet, pen, pencil, campus map, and several lists, nine teams totaling about 100 new graduate students dashed around New Haven for the annual orientation week

Scavenger Hunt a few days before classes began

Each team had two hours to accumulate points by obtaining specific objects, taking photos in designated places, and answering questions. McDougal Student Life Fellows organized the hunt and set the questions and items.

The serious purpose of the event is to familiarize incoming students with their campus and city. Side benefits include bonding with other newcomers, getting fresh air and lots of exercise, and learning quirky tidbits that can be used later to impress friends.



The objects that teams were required to assemble ranged from easy-to-get things like a piece of candy from Lisa Brandes' office (1 point) to somewhat more challenging items like a signature from a Peabody Museum desk guard (4), and a rubbing from Noah

Webster's grave in the Grove Street Cemetery (7). Ten bonus points were awarded to any team willing to run all the way up Prospect Street to snag a bulletin from the Divinity School and/or to Yale-New Haven Hospital on the other side of town for a visitor's pass.

Each team member had to appear in at least 10 photos, taken at locations like the Nathan Hale statue on Old Campus (bonus points for being barefoot), outside the Criterion movie theater, on level 7M of the Sterling Library stacks, at Ingalls Rink ("The Whale"), in Battell Chapel, in front of the Playwright bar (bonus points if the team is cheering wildly), and many other locations, near and far.

Questions ranged from the useful ("How much is Connecticut sales tax?") and "When is the first stipend check disbursed?") to the playful ("What restaurant is closest to HGS and how much is their shrimp diavolo?").

The winner was Team Irony, including Lesley Yen (IR), Anne Greenberg (EEB), Katja Ganske (Econ), Iva Rashkova (Econ), Janice Chua (IDE), Hoong Chuin Lim (BBS), Megan Wong (IR), Ben Shatil (IR), Celine Tricard

(IR), Zhihong John Lin (IDE), and Emily Stoops (BBS). Each was given a goodie bag that contained a Graduate School mug and candy; a Graduate Career Services water bottle and pen; a McDougal Center pencil; a coupon for coffee or tea from the Blue Dog Caf ; a First Friday at Five bottle cozy; a bottle of Yale water; a bumper sticker, pens and mouse pad from New Haven and State Affairs; and pop tarts, in addition to the sweet taste of victory.



Outstanding Alumni

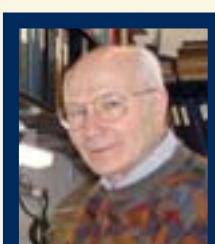
GORDON BOWER

Gordon Bower (PH.D. 1956, Psychology), the Albert Ray Lang Professor Emeritus of Psychology at Stanford University, received a National Medal of Science this year. Established by Congress in 1959 and administered by the National Science Foundation, the medal is the nation's highest scientific honor. Bower was honored "for his unpar-



alleled contributions to cognitive and mathematical psychology, for his lucid analyses of remembering and reasoning and for

ment in Medical Science. The Lasker Award is considered comparable to the Nobel Prize. The citation recognized Gall as "a founder of modern cell biology who has made seminal contributions to the field of chromosome structure



and function, who invented *in situ* hybridization, and who has been a long-standing champion of women in science."

After teaching at the University of Minnesota in Minneapolis, Gall returned to Yale as professor of MB&B. In 1983 he joined Carnegie's Department of Embryology to conduct research full time. A technique he developed with Mary Lou Pardue (PH.D. 1970, Biology) and Susan Gerbi (PH.D. 1970, Biology) in 1969 allows researchers to locate and map genes and specific sequences of DNA on a chromosome. It revolutionized molecular biology and is now used worldwide in gene studies. Gall received a Wilbur Cross Medal in 1988.

MIMI GATES

Mimi Gates (PH.D. 1981, Art History) has been elected an Alumni Fellow to the Yale Corporation for a six-year term that com-

mented July 1, 2007. Director of the Seattle Art Museum (SAM), she significantly added to the collections, dramatically increased the

JOSEPH GALL

Joseph Gall (B.S. 1949, PH.D. 1952, Biology), staff scientist at the Carnegie Institution's Department of Embryology and adjunct professor at Johns Hopkins, was awarded the 2006 Lasker Award for Special Achieve-

ment. The Lasker Award is considered comparable to the Nobel Prize. The citation recognized Gall as "a founder of modern cell biology who has made seminal contributions to the field of chromosome structure and function, who invented *in situ* hybridization, and who has been a long-standing champion of women in science."

ADOLF GR  NBAUM

Adolf Gr  nbaum (M.S. 1948, Physics; PH.D. 1951, Philosophy) was elected the 2006-07 president of the International Union of History & Philosophy of Science (IUHPS), the umbrella organization for all the national associations in this field. He is the Andrew Mellon Professor of Philosophy of Science at the University of Pittsburgh, where he also chairs the Center



for Philosophy of Science, which he founded in 1960. This past summer, he delivered the Presidential Address at the world congress of the Division of Logic, Methodology & Philosophy of Science in Beijing, China. In September, he presented an invited paper at the international congress on "Rethinking

Karl Popper" in Prague, and was interviewed on radio and television in Cologne, Germany, where he was born. He has been invited to be a J.C. Bose Distinguished Visiting Professor at the World Institute for Advanced Study and give a public lecture in New Delhi, India. Gr  nbaum received a Wilbur Cross Medal in 1990.

RICHARD HATCH

Richard Hatch (M.S. 1980, M.PHIL. 1981, Physics) was the subject of the cover story in a recent issue of *MUM, the Society of American Magicians Magazine*. Fascinated by magic tricks and sleight of hand since childhood and fluent in German, he interrupted his dissertation research to translate Ottokar Fischer's *J. N. Hofzinser Zauberkunst* and never went back. He has translated other historically significant works about magic, including a collection of biographies of Jewish magicians who were murdered in the Holocaust and Roberto Giobbi's four volume opus, *Card College*. His career in magic has included studying under expert magicians and giving performances—some with his wife, violinist Rosemary Kimura, which combine chamber music and magic. He has entertained in the Astrodome, in Las Vegas, and at many other venues. A collector and publisher of books about magic, he is co-owner of H&R Magic Books.



VOLUME 10, NUMBER 1, OCTOBER 2007

The YGS Newsletter is a publication of the Yale Graduate School of Arts and Sciences.

Jon Butler, dean; Gila Reinstein, editor; Bjorn Akselsen, design/production; Yale RIS, production supervision; Michael Marsland, Harold Shapiro, photography.

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