

# Goodbody Gazette

Department of History and Philosophy of Science at Indiana University

No. 4

College of Arts and Sciences Alumni Association

Fall 1993

## From George to Ed: Grant wins the Sarton Medal

In late 1955, only a few months before his death, George Sarton became the first recipient of the Sarton Medal. Created by the History of Science Society to honor Sarton for his pioneering efforts in the history of science, including his role as founder and long-time editor of *Isis*, the medal recognizes those whose entire careers have been devoted to the field and whose scholarship is exceptional. In an interesting historical coincidence, Sarton had spent several weeks in the first part of 1955 in residence at IU as a Patten Foundation lecturer. His lectures were later published as *Six Wings: Men of Science in the Renaissance* (IU Press, 1957).

In December 1992, Edward Grant



Marshall Claggett presents medal to Ed Grant.

became the latest winner of the Sarton Medal, now the oldest and most prestigious prize of the society. He joins a select company of distinguished scholars from around the world who have made outstanding contributions to the history of science. The medal was awarded at the society's annual banquet in Washington, D.C. Making the presentation was Grant's mentor and colleague Marshall Claggett, the 1980 Sarton medalist.

The department now boasts two Sarton Medal winners on the faculty: Ed Grant (1992) and Sam Westfall (1985). In addition to these awards to active faculty members, former IU scholars A. Rupert Hall and Marie-Boas Hall received the medal in 1981.

## Chair's corner

As I write about this past year, I sit amidst the din of hammers and saws. Goodbody Hall is getting a minor face lifting due to federal regulations, which require accessibility to rest rooms and departmental offices for wheel chairs. We will soon sport automatic doors, a lift in the front lobby, and a new entrance to Goodbody 130. Part of the bargain was to get a new hall carpet for the department, but on that we will have to wait and see.

More important have been the two exciting workshops we hosted during the year: one on "Evidence and Authority in Early Modern Science," which featured Ann Carmichael, Peter Dear, Ed Grant, and Robert Frank; the other on "Science in a National Context: Style and Substance," which featured Fred Churchill, Phil Sloan, Norton Wise, and three of our advanced graduate students. These workshops have fostered an extended give-and-take between speakers

and audience in the best HPS tradition. The department feted the entire cast in the atrium of the new Fine Arts Building. The department's new core curriculum has also worked well. In 1992-93, all beginning graduate students shared a common experience with our newly fashioned introductory surveys and research topics courses.

The year's greatest success stories were produced by our graduate students, who won more than their share of both university and national awards. The following list was paraded before the deanery at the last budget conference: In the past 15 months, six of our advanced students won collectively a Fulbright (Ramberg), a Smithsonian (Voelkel), a Newcombe (Rader), an Edwards (Dreger), a College semester dissertation research grant (Voelkel), a College summer research grant (Tammone), grant-in-aid from RUGS (Rader), research expenses from the Rockefeller Archives (Rader), a dis-

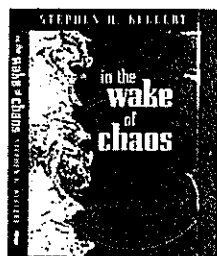
sertation-year fellowship (Rader), a summer pre-dissertation travel support grant (Dreger), a scholarship with IU's exchange program at the Free University of Berlin (Mylott), an NEH dissertation-year fellowship (Tammone), and an NSF doctoral dissertation research grant (Ramberg).

Finally, the Victor Thoren Memorial Graduate Research Fellowship has reached the endowment goal of \$20,000. We are now able to make an annual award of \$1,000 to an advanced student. This year's fellowship was given to Peter Ramberg. On behalf of my colleagues and the students, I wish to thank all of the alumni and friends of the department for their generosity in making this endowment possible. We are especially indebted to the whole Thoren family for their encouragement and support. Additional donations will be gratefully accepted.

—Fred Churchill

# Additions to the Hoosier Bookshelf

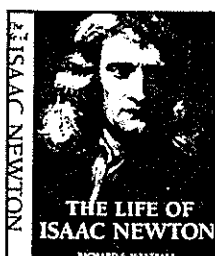
• When Stephen Kellert, chose to do his dissertation on chaos theory, he never dreamed that this technical branch of non-linear dynamics would become the subject of



a Steven Spielberg movie! As it turned out, Kellert's book, *In the Wake of Chaos*, and *Jurassic Park* were both released this spring to glowing reviews. But only Stephen's book was picked by the Library of Science Bookclub.

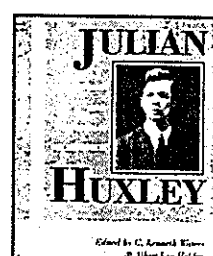
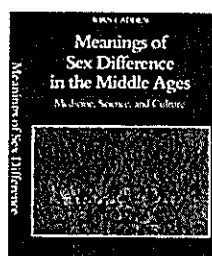
• Marco Giunti, '92, now an adjunct research scholar in HPS, has received word that Oxford University Press will publish his doctoral dissertation, *Computers, Dynamical Systems, Phenomena, and the Mind*.

• The most recent Cambridge Press catalogue lists three new books by HPS-ers. Richard Westfall's *The Life of Isaac*



*Newton*, an abridged version of *Never at Rest*, is now available at a very attractive price. Also new from Cambridge is *The Meaning of Sex Difference in the Middle Ages: Medicine, Science, and Culture* by Joan Cadden, '71, who teaches at Kenyon College. The book discusses natural philosophical theories about reproduction and cultural ideas about marriage and salvation.

• Featured on the catalogue cover is Ed Grant's book on the medieval cosmos, *Planets, Stars, and Orbs*. The announced date of publication is 1993, but the 30,000-item index has been delayed



by thunderstorms, which forced him to turn off his computer. (Marshall Clagett, still his mentor, recommends a battery-powered portable!)

• Ken Waters, '85, is co-editor of *Julian Huxley: Biologist and Statesman of Science*.

• The Reading Room has received two news books by HPS minors: *The Science of Mental Illness* by **Ethan Gorenstein**, and *Wade Hands' Testing, Rationality, and Progress: Essays on the Popperian Tradition in Economic Methodology*.

• **Allan Franklin**, who was here last fall for Bill McKinney's thesis defense, sent the RR a copy of his latest book, *The Rise and Fall of the Fifth Force: Discovery, Pursuit, and Justification in Modern Physics*.

## Our thanks to Thoren fellowship donors

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## Hoosiers in the news

The *Chronicle of Higher Education* featured a photo of Richard Ferrier, '80, in a story about debates on the relevance of racial diversity to academic accreditation.

The May/June issue of *Today's Chemist at Work* has a profile of **Larry Principe**, "latter-day alchemist," who has successfully replicated the preparation of Robert Boyle's "incandescent mercury" in the laboratory at Johns Hopkins.

Jay Hines, '69, who serves as command historian for the U.S. Central Command, described his recent expedition to Togo in the *St. Petersburg Times*. Most intriguing was the "voodoo market," which sells the skins and skulls of parrots, crocodiles, and monkeys.

According to *La Nacion*, the Argentinean Society of Analytic Philosophy has established an Alberto Coffa Prize to be awarded annually to a young Argentinean philosopher. The topic for next year's contest is "El realismo." Professor **Guillermo Ranea**, Coffa's first student, visited HPS last year on research leave from La Plata. A paperback version of Coffa's book, *The Semantic Tradition from Kant to Carnap*, edited by Linda Wessels, is now out.

Ed Grant was a guest of the Korean government in April for a symposium on traditional science.

# Ramberg Wins Thoren Award



*Fred Churchill, HPS chair, presents the Victor E. Thoren Award to Peter Ramberg.*

Each spring a Victor E. Thoren Research Scholarship is awarded to an HPS student who is making excellent progress on the dissertation. This year, the winner is Peter Ramberg, whose thesis is on "Theory and Methodology in the Development of Stereochemistry, 1874-1900."

The names of Thoren Scholars are inscribed on a plaque decorated with an engraving of the Tyconic system, in remembrance of Vic Thoren's life-long research on Tycho Brahe. Ramberg's name follows that of Jim Voelkel, the first recipient of the award.

Ramberg completed his PhD in August and now teaches organic chemistry at Johns Hopkins University.

## Introducing a new HPS logo...

From the street all you can see is the underside of bill and tail, but thanks to Jim Capshew's telephoto lens, we can now present a full view of the Goodbody Duck, the limestone carving which resides on the apex of Goodbody Hall.

She also graces the back of the new HPS T-shirts (the bone men have been relegated to a small crest). If you would like your very own HPS T-shirt, send in an order to Teresa Anderson by Nov. 1.

Regular T-shirt is \$15; kid's size is \$8; golf shirt with collar is \$25. Specify color preference (jade or white) and size (S, M, L, XL) adult or (S, M, L) child. Make checks payable to HPS.



## Odd bits

- All alumni are invited to attend the fall '93 workshop on "Objectivity and Values in the Context of Justification," which will take place Nov. 19-20. **Helen Longino** and **Arthur Fine** will be our guest speakers.

- We also have scheduled some interesting colloquiums. **Owen Gingerich** will be here on Oct. 11, **Corraine Daston** on Oct. 25, and **Joan Richards** on Nov. 1. **Gordon Brittan** and **Michael Friedman** will present a symposium on Kant's philosophy of science on Oct. 29. For more information, contact any of us in Goodbody Hall.

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## Where in the world are you?

Date \_\_\_\_\_

The Department of History and Philosophy of Science and the IU Alumni Association are always pleased to hear about the personal and professional accomplishments of alumni. Please send your news and news of your classmates to *Goodbody Gazette*, Alumni Publications, IU Alumni Association, P.O. Box 4822, Bloomington, IN 47402-4822. Check your address label for membership status.

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### Capshew Challenge #2:

*What do the letters AWS on the duck stand for?*

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# HPS Tattler

Paul Farber ('70) has received Oregon State's highest honor, the title of Distinguished Professor.

Song Sang Yong ('70) visited the department this summer en route to a meeting on Korean history and civilization at MSU. Song is now dean of environmental affairs at his university in Korea.

Wally Hooper ('92) is spending the year in Florence on a Galileo Fellowship given by the Museo di Storia della Scienza.

Bill McKinney ('93) began teaching at Southeast Missouri State this fall.

Yan Lu ('93) successfully defended her dissertation on the "Founding of Modern Science as a Method."

Don Robinson ('89) has a two-year Canada Council research fellowship.

Eric Barnes ('90), Colin Howson, David Hull ('64), Gürol Irzik ('86), Stephen Kellert, Kevin Korb ('92), Osvaldo Pessoa ('90), and Don Robinson ('89) read papers at the PSA meeting in Chicago.

Alice Dreger spent the summer at the Wellcome Library in London doing research on monsters and hermaphrodites.

Karen Rader and Judy Johns Schloegel are attending the summer seminar at Woods Hole. The topic this year is eugenics, and one of the directors is Jane Maienschein ('78).

✓ Floris Cohen, of Twente University, presented this year's Richard S. Westfall Lecture on the topic of his forthcoming new book, *The Banquet of Truth: A His-*

*toriographic Inquiry into the Nature and Causes of the 17th-Century Scientific Revolution.*

A.I. Sabra came out from Harvard for a special lecture to celebrate the awarding of the Sarton Medal to Ed Grant. Bashi spoke on "Science and Theology in Medieval Islam."

Ron Rainger ('81) gave us a lecture in April on the naturalist/experimentalist debate. Peter Sobol ('84), who was in residence all year teaching record numbers of X207 students about the occult and modern science, presented a paper on "Aristotle's Theory(s) of Animal Behavior." Other colloquium speakers included Bill Wimsatt, David Wilson, and Bob Batterman. -3

Eric Barnes ('90) is happily publishing but still worried about perishing when his temporary position at Denison University, Granville, runs out this year. His fallback strategy is to drum a job as a jazz musician. Meanwhile, he is "plugging away on contrastive explanation."

Fred Churchill attended the ISBPSSBS meeting at Brandeis, where he saw John Beatty ('79), Ron Giere, David Hull ('64), Jane Maienschein ('78), Anne Mylott, Ron Overman ('74), Ron Rainger ('81), Michael Ruse, and Ken Waters ('85). From the attendance list you can surely figure out at least part of the acronym!

While Ed Grant was in Korea, he saw Sung Kyu Lee ('80), who teaches history of science in Seoul, and Song Sang Yong ('70), who is president of both the Korean Society for the History of Science and the local IU alumni chapter!

Karen Rader is reading a paper on the "Making of Laboratory Mice" at the fall HSS meeting. Richard Sorrenson will be in Santa Fe leading a symposium on "Voyages of Scientific Discovery." Judy Johns Schloegel will present a paper on "Masculine Self-Images in Science Engineering" at the 4-S meeting at Purdue.

Noretta Koertge is now on the advisory board of the Boston Center for Philosophy and History of Science. She may not be traveling to the East Coast much, however, due to the recent arrival of a baby girl from India.

John Winnie gave a paper at Pittsburgh on "Science Without Understanding," accompanied by a video for those who couldn't understand the talk.

Zeno Swijtink spent the year doing research in Amsterdam.

Tim Blackwood ('68) works as supervising deputy district attorney for Santa Clara County, San Jose, Calif., where he has been employed for 18 years.

Krista Hollenberg ('82) practiced law for six years before becoming a full-time teacher at Ivy Tech, Bloomington. She teaches paralegal courses and lives in Bloomington.

## Goodbody Gazette

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