

The Internet-First University Press

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The Legacy of Cornell Faculty and Staff Collection

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“This multi-media digital archive contains material in The Internet First University Press (IFUP) that celebrates the contributions of Cornell people to the world of scholarship and to the life of the University and its research, service and educational mission. Included will be biographies, autobiographies, lectures, interviews, scholarly papers, and other materials related to the contributions of the people included. The material in this archive is available to the worldwide scholarly community via the Internet and a full text index to these materials is included in Internet search engines.

“This community is sponsored by the Cornell Association of Professors Emeriti, but does not imply editorial responsibilities.”

NOTE: Up to three Internet links are provided for each video: Cornell YouTube provides streaming video (i.e., allows you to begin viewing while the video being downloaded in the background) and provides the largest image size. CornellCast (a part of the Cornell website also provides streaming). A third copy has been archived in eCommons@Cornell, which does not support streaming but often contains additional documents.)

A Conversation with Royse P. Murphy

Royse Peak Murphy, native of Norton, Kansas and survivor of the Dust Bowl experience, the Great Depression, then World War II, joined the Cornell Faculty in 1946. His main focus has been plant breeding, releasing many new crop varieties and supervising graduate studies for 21 Ph.D. students and 12 Master of Science students. His international work was extensive. He is an exemplary member of the Cornell University Faculty and served Cornell as a Department Head, Dean of the University Faculty (1964-67) and as a faculty member serving on the Board of Trustees. As has been characteristic of Murph since his ‘retirement’ 32 years ago and despite his recent physical adversities, he has maintained a vigorous devotion to and love for plant breeding – as witnessed by his participation in this video. Interviewed by plant breeder colleague, Donald R. Viands, he discusses his recollections of the plant breeding department at Cornell, supplementing his book on that subject, *Evolution of Plant Breeding at Cornell University*

<http://dspace.library.cornell.edu/handle/1813/23087>.

Running time: 41 minutes. A biographical sketch by Lee B. Kass, that was presented at the celebration of his 90th birthday, is also included in eCommons.

Cornell YouTube: <http://www.youtube.com/watch?v=IXBHAGaLTlk>

CornellCast: <http://www.cornell.edu/video/?videoID=1847>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/28286>

The eCommons site also includes a biographical slideshow, “Murph at 90” by Lee B. Kass

Cornell Apple Breeding: Taste the Apples of the Future

Susan K. Brown, the Herman M. Cohn Professor of Horticulture and Associate Chair for the merged CALS Horticulture Departments in Ithaca and Geneva presents an entertaining public lecture in Jordan Hall, "Cornell Apple Breeding: Taste the Apples of the Future." Her lecture of October 13, 2011 was sponsored by the Cornell Association of Professors Emeriti. From her perspective as Director of the Fruit and Vegetable Genomics Initiative and as head of the apple breeding program, she presented a broad view of the process of creating new apple varieties from its history, the technical aspects to marketing issues to stimulate economic development and consumer satisfaction. The session ended with a sampling of two new apple varieties that are being commercialized in partnership with the NY apple industry.

Cornell YouTube: <http://www.youtube.com/watch?v=UovfTCSY-hg>

CornellCast: <http://www.cornell.edu/video/?videoID=1748>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/24423>

Small is Still Beautiful: Establishing a Micro-economic Agenda for Economic Growth and Development in sub-Saharan Africa: a lecture by Ralph Christy

Professor Ralph D. Christy is Director of Cornell International Institute for Food, Agriculture and Development and Professor of Emerging Markets within the Dyson School of Applied Economics and Management at Cornell University, where he conducts food marketing research and educational programs on the economic performance of markets and distribution systems in developing countries. In this lecture for the Cornell Association of Professors Emeriti on September 15, 2011 he describes the work he is doing to develop markets for rural economies in Africa, how he is engaging Cornell students in that process worldwide and presents a compelling argument that "Small Is Still Beautiful."

Cornell YouTube: http://www.youtube.com/watch?v=rsi_G4t8nfM

CornellCast: <http://www.cornell.edu/video/?videoID=1714>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/23625>

The Rau Plow Model Collection at Cornell University and the Evolution of Plow Design: A Lecture by Gerald E. Rehkugler

In his lecture, "The Rau Model Plow Collection at Cornell and The Evolution of Plow Designs," Cornell professor emeritus Gerald Rehkugler tells the story of Cornell's Rau Model Plow Collection and illustrates the evolution of the plow over time in his April 21, 2011 presentation to the Cornell Association of Professors Emeriti (CAPE). The Rau Collection was acquired in 1868 by the first Cornell president Andrew Dickson White. The models trace the development of the plow from around 3000 B.C.E. to the mid 1860's. Supplemental resources include a written version of Rehkugler's lecture, an English translation of the Directory of the models by Prof. Dr. Ludwig Rau, an 1868 letter from president White to Cornell University founder Ezra Cornell about the acquisition of the collection of model plows, an interview with Howard Riley by university archivist Gould Colman that includes a discussion of these models, brief descriptions of a plow that Ezra Cornell marketed and the plow intended to lay telegraph lines that he invented and patented. A selected list of Rehkugler's own publications completes the supplemental materials. QuickTime videos of the lecture and supplementary materials use H.264 compression. One set is for Apple TV and the other is formatted for the iPhone (and QuickTime Player). These include the lecture, plowing using oxen, a brochure describing an event

about plows and plowing sponsored by the Interlaken Historical Society and a brief description of minimum tillage cropping. Streaming videos of the main lecture component are also available online at

Cornell YouTube: <http://www.youtube.com/watch?v=XGznAv9S94Q>

CornellCast: <http://www.cornell.edu/video/?videoID=1248>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/22848>

(Additional resources are provided in eCommons.)

The Origin and History of the Internet, a lecture by Ken King

In this February 17, 2011 lecture to the Cornell Association of Professors Emeriti at Cornell University, Kenneth M. King traces the evolution of the Internet from its roots in higher education. This is a personal account of the political steps (rather than the hardware or software aspects) in the creation and evolution of a major technological development of our time. King was involved with computing at universities from 1953 to 1998 and served as president of EDUCOM (1987–1992). In this talk he describes the primary and under-celebrated role that universities played in the creation and evolution of networking and the Internet, specifically highlighting the role Cornell people played.

Cornell YouTube: <http://www.youtube.com/watch?v=SDryuP0jqxw>

CornellCast: <http://www.cornell.edu/video/?videoID=1131>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/22368>

Honey Bee Democracy by Tom Seeley

Professor Thomas Seeley, Neurobiology and Behavior, presented C.A.P.E.'s public lecture on November 17, 2011. He reviews the history of behavioral studies of foraging honey bees and then extends that understanding to the process by which swarming honey bees choose a new home. This Cornell-based research made exquisite usage of Appledore Island where he and his students tracked individual honey bees engaged in finding new home sites, how the scout bees communicated their findings to other scout bees and then how the bees reached a consensus decision of 'the best' site.

Cornell YouTube: TBA

CornellCast: TBA

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/28212>

My Life as a Field Biologist: from Deer to Digital Book in 40 Short Years. Thomas A. Gavin

Tom Gavin's CAPE Lecture on December 8, 2011 provided a panoramic reprise of his research career as a Field Biologist by way of four major projects, all using marked individuals to illuminate larger aspects of animal behavior and ecology. He explored 1) the naturally skewed mortality pattern in an isolated, nonhunted population of Columbian white-tailed deer, 2) the adult Bobolink's propensity to return to its previously used nesting site despite its annual migratory trip of thousands of miles, 3) how understory forest birds in Costa Rica live in a landscape that has been fragmented by humans, and 4) and the demise and conservation of the Idaho Ground Squirrel.

Cornell YouTube: <http://www.youtube.com/watch?v=pd7bziiLzcE&feature=relmfu>

CornellCast: <http://www.cornell.edu/video/index.cfm?VideoID=1850>

eCommons at Cornell: <http://ecommons.library.cornell.edu/handle/1813/28280>

A Conversation with Jerrold Meinwald

Jerrold Meinwald, the Goldwin Smith Professor Emeritus of the Chemistry and Chemical Biology Department, shares insights into the factors that drew him into the world of Chemistry and later into Chemical Ecology, a field he co-founded with the late professor Tom Eisner of CALS, reflects upon some highlights of his own career, how he was mentored, and shares perspectives on the evolution of Chemical Biology. The interview was conducted by a colleague of many years, Professor Bruce Ganem. Running time: 99 minutes.

Cornell YouTube: http://www.youtube.com/watch?v=6FCNsIDU_jA

CornellCast: <http://www.cornell.edu/video/?videoID=1864>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/24555>

A Half Century of Norm Scott: A Biological Engineering Symposium

“A Half Century of Norm Scott: A Biological Engineering Symposium” saluted a distinguished career of service and leadership on November 3, 2011. Former students, colleagues, friends at the University of Nebraska and fellow administrators characterized their interactions with Norm Scott and characterized the numerous aspects of his multi-faceted role at Cornell of many years – as a graduate student, a faculty member, a department chair, a college director of research, and a university vice president for university-wide research management and related academic policies. His tireless and energetic leadership at Cornell, nationally and internationally were described. Running time: 151 minutes.

Cornell YouTube: TBA

CornellCast: TBA

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/28215>

Simon Bauer 100th Birthday Celebration. [Simon Bauer, Ben Widom, Harold Scheraga]

The Department of Chemistry and Chemical Biology saluted Simon Bauer on the occasion of his 100th birthday in an event on October 15, 2011 in the recently opened Physical Sciences Building. Accompanied by his extended family, Bauer traveled to Ithaca for the event and personally delivered a 16-minute address. This was followed by remarks by his former Ph.D. student Ben Widom, Goldwin Smith Professor Emeritus, who reviewed some highlights of Bauer’s distinguished career in science. Professor Emeritus Harold A. Scheraga delivered the after dinner speech. Running time 61 minutes. See also ‘A Conversation with Simon Bauer’ at

<http://ecommons.library.cornell.edu/handle/1813/3768>

Cornell YouTube: http://www.youtube.com/watch?v=31s9_98XLSI&feature=relmfu

CornellCast: <http://www.cornell.edu/video/index.cfm?videoID=1851>

eCommons@Cornell: <http://ecommons.library.cornell.edu/handle/1813/24515>

CALS Alumni Awards 2011

On November 4, 2011 The CALS Alumni Association and the College of Agriculture and Life Sciences honored alumni of the college who have achieved recognized success in their businesses, professions, or other avocational endeavors; have been actively involved in, worked for, and demonstrated leadership on behalf of the college and Cornell University; and, have made significant contributions to the betterment of society through humanitarian and charitable endeavors. Outstanding faculty and staff were also recognized for significant contributions in teaching, research, extension, or administration. Honored were: David R. Atkinson '60; Yongkeun MS '78 and Sun Paik Joh, MS '77; Thomas N. Marino '78; Laurey G. Mogil '76; Kenneth E. Pollard '58; Andrew Ross Sorkin '99; Dennis D. Miller Ph.D. '78; and Norman R. Scott, Ph.D. '62. Running Time: 66 minutes

Cornell YouTube: TBA

CornellCast: TBA

eCommons@Cornell: <http://dspace.library.cornell.edu/handle/1813/28220>