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# IFUP BOOKS

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☼ Valorie Craven

☼ The Authors



## **~Books~**

***Analytical Elements of Mechanics, Volume 1.***

Kane, Thomas R. 272 pages

***Analytical Elements of Mechanics, Volume 2: Dynamics.***

Kane, Thomas R. 357 pages

***Animal Science at Cornell University 1963 - 2000:  
Observations and Reflections of an Insider.***

Elliot, John Murray. 133 pages

***Applications, Basics, and Computing of Exploratory Data Analysis.***

Velleman, Paul F.; Hoaglin, David C. 380 pages

***Connecticut Yankee in Nisei King Company's Court:  
With the Japanese American 442nd RCT in World War II.***

Foote, Robert H. 24 pages

***Contested Values: Democracy and Diversity in American Culture.***

Kammen, Michael. 328 pages



***Cornell Guide to Growing Fruit at Home.***

Eames-Sheavly, Marcia; Pritts, Marvin; Cramer, Craig; Bushway, Lori; Merwin, Ian; Reisinger, Richard; McKay, Steven. 111 pages

***Cornell University: Founders and the Founding.***

Becker, Carl L. 154 pages

***Designing Child Care Settings: A Child-Centered Approach.***

Maxwell, Lorraine E. 112 pages

***Dynamics, Theory and Applications.***

Kane, Thomas R.; Levinson, David A. 398 pages

***Enhancement of Wildlife Habitat on Private Lands.***

Decker, Daniel J.; Kelley, John W.; Goff, Gary R.; Schneider, Rebecca; Smith, Charles R.; Curtis, Paul D. 46 pages

***Enrico Fermi-The Master Scientist.***

Orear, Jay. 171 pages

***Faculty Handbook 2002 Seventh Edition, Cornell University.***

Office of the University Faculty. 216 pages



***Food Science at Cornell University: A Century of Excellence,  
1902-2002.***

Bandler, David K.; Holland, Robert F. 217 pages

***History of Computing at Cornell (through 1979), The.***

Rudan, John W. 98 pages

***History of Kendal at Ithaca, 1990 toward 2000.***

Stanton, Lara K. 126 pages

***How Do I Do This in ArcGIS/Manifold?: Illustrating Classic GIS Tasks.***

Lembo, Arthur J., Jr. 124 pages

***Immigrants and the Community.***

Pfeffer, Max J.; Para, Pilar A. 23 pages

***Incomplete Guide to the Art of Discovery, The.***

Oliver, Jack E. 224 pages

***It All Adds Up.***

Bristow, Barbara J. 227 pages

***Know Your Trees.***

Cope, J. A.; Winch, Fred E., Jr.; Cope, E. A. 80 pages



***Lecture Notes on Nonlinear Vibrations.***

Rand, Richard H. 135 pages

***Managing Canada Geese in Urban Environments.***

Smith, Arthur E.; Craven, Scott R.; Curtis, Paul D. 44 pages

***More Other Homes and Garbage: Designs for Self-sufficient Living.***

Leckie, Jim; Masters, Gil; Whitehouse, Harry; Young, Lily. 387 pages

***New Concepts of Cattle Growth.***

Berg, Roy T.; Butterfield, Rex M. 255 pages

***Prevention of Youth Violence.***

Haugen, Heidi L. 83 pages

***Shakespeare Got It Wrong, It's Not "To Be", It's "To Do". The Autobiographical Memoirs of a Lucky Geophysicist.***

Oliver, Jack E. 246 pages

***Spacecraft Dynamics.***

Kane, Thomas R.; Likins, Peter W.; Levinson, David A. 454 pages

***The Homeowner's Lawn Care and Water Quality Almanac.***

Gussack, Eva; Rossi, Frank S. 28 pages

***Waste Management at the Construction Site.***

Laquatra, Joseph; Pierce, Mark R. 34 pages



## **~VIDEOS~**

### ***A Conversation with Emeriti Professors:***

***Dr. Hans Bethe and Dr. Robert Wilson.***

Bethe, Hans; Wilson, Robert; Gottfreid, Kurt. [1:03:00]

### ***A Conversation with Emeritus Professor***

***Dr. Hans Bethe and Dr. Victor Weisskopf.***

Bethe, Hans; Weisskopf, Victor; Gottfried, Kurt. [56:36]

### ***An Evening with Hans Bethe:***

***The German Atomic Bomb Project.***

Bethe, Hans; Powers, Thomas; Gottfried, Kurt. [1:30:42].

### ***Antigone (script, video segments and commentary).***

Feldshuh, David; Booth, Dan; Rusten, Jeffrey. [8:15]

### ***Artificial Insemination: The First Great Animal Biotechnology.***

Foote, Robert H, narrator. [9:41]

### ***Being Eisenman.***

Handler, Philip; Handler, Maddy. [21:13]

### ***Case For a Primary Diplomatic Relationship with China.***

Kirk, Mark; LaFeber, Walter. [1:08:41]



***Cornell Presidents.***

Reis, Jon; Cooke, J. Robert. [1:44]

***Corson Family.***

Corson, Dale; Goldberg, Sol. [3:38]

***Dale Corson: Cornell's Good Fortune.***

Steblen; Stone; Cummings; Brumley; Hershey. [19:46]

***Dale Corson's Induction into the Cornell Center  
for Materials Research Hall of Fame.***

Ashcroft, Neil; Richardson, Robert C.; Lehman, Jeffrey;  
Corson, Dale. [49:06]

***Groundbreaking Ceremony of the Life Sciences  
Technology Building.***

Lehman, Jeffry S.; Meier, Richard A.; Martin, Biddy;  
Adler, Kraig; Weill, Sanford I.; Meinig, Peter. [41:47]

***Hans Bethe and David Mermin Discuss the Early History  
of Solid State Physics.***

Bethe, Hans; Mermin, David. [31:46]

***I Can Do That! Hans Bethe's First 60 Years at Cornell.***

Rose, David H.; Champlin; Grunberg; Huntley; Shakleton;  
Hershey, Edward. [10:24]



***Nonlinear Dynamics and Chaos: Lab Demonstrations.***

Strogatz, Steven H. [46:37]

***One Vision, Many Voices: First Year Diversity***

***Initiative featuring the Cornell Interactive Theater Ensemble's presentation of Being Antigone.*** Dewey, Martha; Relta, Vivian; Cruz, Dane; Brown, Kimberly. [1:17:46]

***Portrait of a Cornell Artist: Elsie Dinsmore Popkin.***

Handler, Philip; Handler, Maddy. [12:44]



## ~WORKSHOPS AND SYMPOSIA ~

**Corson Symposium.** Speakers: Joseph M. Ballantyne, John Brademas, J. Robert Cooke, Dale R. Corson, Vernon J. Ehlers, Ronald G. Ehrenberg, Jean Gortzig, Donald P. Greenberg, Donald F. Holcomb, Charlotte V. Kuh, Walter LaFeber, Fred Plum, Frank Press, Hunter R. Rawlings III, Frank H.T. Rhodes, Robert C. Richardson, Robert F. Sproull, Steven D. Tanksley, Joe B. Wyatt.

**Workshop on ‘Sustainable Models for University-based Scholarly Publishing’, Columbia University, June 1, 2004.** Speakers: Catherine H. Candee, J. Robert Cooke, Raym Crow, Malcolm Getz, Susan Gibbons, H. Thomas Hickerson, Kenneth M. King, James G. Neal, Charles E. Phelps, John Willinsky, Kate Wittenberg, Karin Wittenborg. .

## ~JOURNALS~

**CIGR E-Journal Volumes 1-6 (International Commission of Agricultural Engineering).** Rosana G. Moreira, Editor-in-Chief.



# **~UNDERGRADUATE SCHOLARSHIP~**

***CALS Undergrad Honors Abstracts, (2001, 2002, 2003) College of Agriculture and Life Sciences.***

***The Quad, vol 10(1).*** Dmitry Berenson, and Billy Tobenkin, Editors-in-Chief.

***The Visible Hand, Vol 11(1&2), 12(1).*** Anna Nesterova and Michael Tang, Editors.



# IFUP VIDEOS

- ✻ Dale Corson
- ✻ Ed Hershey
- ✻ Mike Tolomeo
- ✻ Dan Booth
- ✻ Eric Gasteiger
- ✻ Glen Palmer
- ✻ Chad O'Shea
- ✻ John Miner



DVD SLEEVES  
BY CHAD O'SHEA



**A** Symposium was held in December 1999 to examine fundamental issues at the beginning of a new century facing research universities, such as Cornell, and to honor Cornell's 8th president, Dale R. Corson. This DVD captures that salute, which included an 18-minute video tribute, the speeches at a gala banquet and a luncheon (71 minutes) and the audio for more than 13 major addresses presented at the Symposium - for a total DVD running time of about 10 hours, including thoughtful and provocative presentations by the 9th and 10th Presidents of Cornell University - Frank Rhodes and Hunter Rawlings. In addition to the news stories about the Symposium, we've included photos of the Corson family and many of their friends who attended the Symposium. These presentations are musically enhanced with Cornell presentations by the Glee Club and the chimes masters.

Several of the presentations are organized as slideshows. You may use your DVD player's remote control to adjust the speed of the presentations (pause, skip forward, skip backward).

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*The Corson Symposium*

*Strategy for a Great Research University*

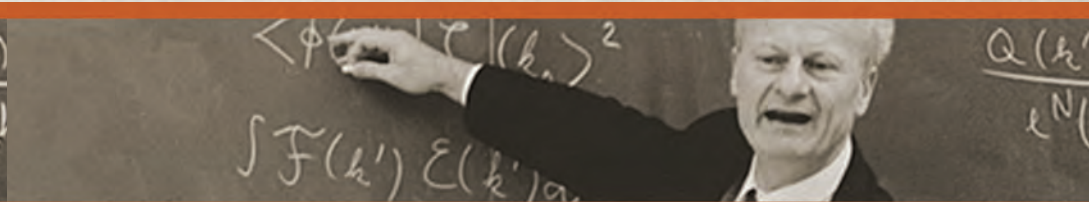
# *The Corson Symposium*

*Strategy for a Great  
Research University*



DECEMBER 6 & 7, 1999  
CORNELL UNIVERSITY





## Three Lectures by Hans Bethe

In 1999, legendary theoretical physicist Hans Bethe delivered three lectures on quantum theory to his neighbors at the Kendal of Ithaca retirement community (near Cornell University). Given by Professor Bethe at age 93, the lectures are presented here as QuickTime videos synchronized with slides of his talking points and archival material.

Intended for an audience of Professor Bethe's neighbors at Kendal, the lectures hold appeal for experts and non-experts alike. The presentation makes use of limited mathematics while focusing on the personal and historical perspectives of one of the principal architects of quantum theory whose career in physics spans 75 years.

A video introduction and appreciation are provided by Professor Silvan S. Schweber, the physicist and science historian who is Professor Bethe's biographer, and Edwin E. Salpeter, the J. G. White Distinguished Professor of Physical Science Emeritus at Cornell, who was a post-doctoral student of Professor Bethe.

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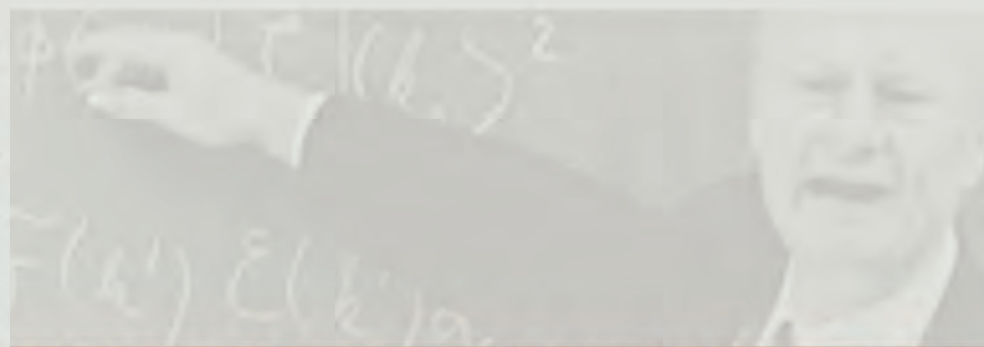
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Quantum Physics  
Made Relatively Simple

Personal and Historical  
Perspectives of Hans Bethe

Personal and Historical Perspectives of Hans Bethe

## Quantum Physics Made Relatively Simple







On December 1, 2004 President Emeritus Dale Corson was inducted as the second member of the new Hall of Fame being created by the Cornell Center for Materials Research in Clark Hall. Corson, who joins the founding Director Robert L. Sproull in the Hall of Fame, was instrumental in the creation of the Center. Also present for this event were President Lehman and Presidents Emeriti Hunter Rawlings and Frank Rhodes.

The video includes speeches by President Lehman and Vice-Provost for Research Robert C. Richardson, whose Nobel Prize work in low-temperature physics was done in the Center. Professor Neil Ashcroft, former Center Director, was moderator for the ceremony.

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**CORSON**

**Cornell Center for Material Research Luncheon**

**1 December 2004**



# Corson

## Cornell Center for Material Research Luncheon

1 December 2004







The Honorable Mark Kirk, Cornell class of '81, presented his thoughtful and provocative views on 'The Rise of China' in a November 8, 2004 lecture in Alice Statler Auditorium at Cornell University. Kirk has been named by the Congressional Quarterly as one of the emerging leaders of Congress.

The Cornell History Department and the East Asia program sponsored this visit. Professor Walter LaFeber, Tisch Distinguished University Professor, introduced the speaker.

[1 hour 8 minutes duration]

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The Case for a Primary Diplomatic Relationship with China  
The Honorable Mark Kirk, Introduced by Professor Walter LaFeber  
8 Nov 2004, Alice Statler Auditorium, Cornell University



## The Case for a Primary Diplomatic Relationship with China

The Honorable Mark Kirk, Introduced by Professor Walter LaFeber  
8 Nov 2004, Alice Statler Auditorium, Cornell University





This is the first archival disc of material published online by the Internet-First University Press as an open access resource and contains about 6,000 pages of formatted text in portable document files, more than 11 hours of small image QuickTime video and more than 8 hours of lectures. Requires a DVD-capable computer with QuickTime Player and Acrobat Reader – both of which are available for Macintosh and Windows computers via the Internet. (Version 7 of each was used to test the disc.)

The disc contains 33 both new and reprinted books intended for the classroom or for outreach that deal with the sciences, technologies, humanities and histories – especially history related to Cornell. The working papers for a workshop on scholarly publishing are included as well as six volumes of an open access journal (CIGR's).

The videos feature famous Cornellians – including tributes to President Emeritus Dale Corson and the late Nobel Laureate Hans Bethe. In addition to the tribute, the Corson Symposium materials include a Gala Banquet and audio for three half days of lectures concerning the future of the research university. In addition to the tribute to Bethe, more than 4 hours and 22 minutes of lectures and conversations on topics ranging from the German Atomic Bomb Project to the early history of solid state physics. Discussants included Robert Wilson, Victor Weisskopf, Thomas Powers, Kurt Gottfried and David Mermin. Corson was named to the Cornell Center for Materials Research Hall of Fame, an event graced by the four living Presidents of Cornell University.

Other videos deal with Antigone, as part of a freshman experience, a public lecture about China by the Honorable Mark Kirk '81, the March 2005 dedication of the Life Sciences Technology Building and instructional materials on chaos by Prof. Strogatz and on the early history of artificial insemination narrated by Prof. Robert Foote.

The collection is completed by two undergraduate journals (The Visible Hand and The Quad) and the abstracts of the CALS undergraduate honors theses for three years.

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