UCD ARE Ph.D. 50th Anniversary Celebration

UC Davis Conference Center
March 20–21, 2015
The Graduates, Their Accomplishments and Impacts

• Graduates
  – Who are they?
  – Where did they come from?
  – What did they do here?
  – After Davis .....Where did they go? What have they done since?

• Laurels, Leadership and Lifetime Accomplishments
  – Dissertations
  – Bragging

• Understanding the synergies
  – Our culture
Graduates

Number of UCD ARE PhD Graduates per Five-Year Period

UCD ARE Ph.D.
50th Anniversary Celebration
During the period from 1965 to 2014, 115 women (31%) received PhDs from UCD ARE, while 53 women (48%) did so from 2005 to 2014. The bar chart illustrates the number of male and female PhD graduates per decade.
156 international = 43 % over 1965–2014

Numbers of International vs Domestic ARE PhD Graduates, by Decade

- International
- Domestic

UCD ARE Ph.D.
50th Anniversary Celebration
156 international = 43 % over 1965–2014

**Graduates**

Numbers of International Alumni by Region of Origin, 1965–2014

- Asia & the Pacific: 60
- Latin America and the Caribbean: 20
- Western Europe: 15
- Middle East: 10
- Oceania: 8
- North America: 7
- Sub-Saharan Africa: 5
- Eastern Europe: 3

UCD ARE Ph.D.
50th Anniversary Celebration
156 international = 43 % over 1965–2014

Graduates

Number of Graduates from Top 10 non-US Countries

UCD ARE Ph.D.
50th Anniversary Celebration
156 international = 43 % over 1965–2014

Graduates

International Alumni by World Bank Country Classification

- Low Income Countries: 15%
- High Income Countries: 40%
- Middle Income Countries: 45%
Dissertations

Number of Dissertations by Primary Field of Research by Decade

- Agriculture
- Development
- Natural Resources & Environment
- Other

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Dissertations

Primary Field, 1965–2014

- Agriculture, 50.1%
- Resources & Environment, 25.6%
- Development, 15.4%
- Other, 8.8%

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Dissertation Titles

• Longest?

_Econometric Measurement of Pest Management Technology: Risk and the Economics of a Worm Monitoring Program for Processing Tomato Production in the Sacramento Valley_

• Shortest

_Environmental Justice_

• Most cryptic

_Modeling Dynamic Nonlinear Systems_
Stump the Chump!

• Dissertation Title
  
  Measuring Drought Resistance: A State-Contingent Evaluation of In Situ Drought Resistant Wheat and Maize in Northern China

Year: 2011

Grad: Amelia Blanke

Chair: Richard Howitt
Stump the Chump!

• **Dissertation Title**

*California Fresh and Frozen Fish Trade*

Year: 1971

Grad: *Des O’Rourke*

Chair: *D. Barton De Loach*
Stump the Chump!

- Dissertation Title
  
  *Cattle, Contracts, and Grocery Retailers: Three Essays on Industrial Organization in Agricultural Markets.*

Year: 2004

Grad: Tian Xia

Chair: Richard Sexton
Stump the Chump!

- Dissertation Title

  *Effect of Debt on Household Welfare.*

  Year: 1976

  Grad: Jean Kinsey

  Chair: Sylvia Lane
After Davis?

- Academics?
  - Easy to get information about graduates who stayed in academia
  - Mostly public domain

- Government and NGOs?
  - Harder to get meaningful information

- Private-sector?
  - We know nothing!!
  - Survey response rate negligible!!
Graduates

First Job
(by decade of graduation, shares)

- Academic
- Private
- NGO
- Government

Current Job
(by decade of graduation, shares)

- Academic
- Private
- NGO
- Government

UCD ARE Ph.D.
50th Anniversary Celebration
Graduates

First job, all alumni

- Gov’t, 21.6%
- NGO, 8.6%
- Private, 11.0%
- Academic, 58.8%

Current job, all alumni

- Gov’t, 17.2%
- NGO, 8.3%
- Private, 16.2%
- Academic, 58.3%

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50th Anniversary Celebration
Stump the Chump!!

- Top **current** employer of our grads

**Employer:** USDA ERS

**Number of Grads:** 13
UCD ARE@ERS

• ERS founded in 1961
  – Has employed 27 Davis PhDs
  – Currently employs 13
  – Not counting the twins!

• Many in senior positions
  – Administrator
  – Associate administrator
  – Division Director or Associate Director
  – Branch Chief
UCD ARE@ERS

• Some Davis grads have gone from ERS to academic careers
  – Richard Shumway
  – Marca Weinberg
  – Jonathan Kaplan
  – Nicole Ballenger
  – Ricky Volpe

• Some have gone in the other direction
  – Milt Madison
  – Greg Pompelli
  – Tim Park
  – Luanne Lohr
  – Mary Bohman
  – Jennifer Bond
Stump the Chump!!

• Which university currently employs the largest number of ARE grads?

Employer: UC Davis

Number of Grads: 12
Stump the Chump!!

- Which university currently employs the largest number of ARE grads as faculty?

Employer: University of Florida

Number of Grads: 6
<table>
<thead>
<tr>
<th>Universities Employing Two or More Grads</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC, Davis</td>
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<tr>
<td>U. of Florida</td>
</tr>
<tr>
<td>Oregon State U.</td>
</tr>
<tr>
<td>Montana State U.</td>
</tr>
<tr>
<td>Kansas State U.</td>
</tr>
<tr>
<td>U. of Georgia</td>
</tr>
<tr>
<td>Cal. Poly.</td>
</tr>
<tr>
<td>U. of Wyoming</td>
</tr>
<tr>
<td>Purdue University</td>
</tr>
<tr>
<td>Michigan State U.</td>
</tr>
<tr>
<td>Virginia Tech.</td>
</tr>
</tbody>
</table>
Where in the World Did They Go?

Domestic vs. International Employment

- Domestic
- International
Where in the World Did They Go?

- Domestic: 71%
- International: 29%
Where in the World Did They Go?

Country of Destination by World Bank Income Classification

- High Income Countries: 42%
- Middle Income Countries: 50%
- Low Income Countries: 8%

Where in the World Did They Go?
Where in the World Did They Go?

Top Five Countries of Destination

<table>
<thead>
<tr>
<th>Country</th>
<th>Number of Alumni</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>8</td>
</tr>
<tr>
<td>Canada</td>
<td>7</td>
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<tr>
<td>Australia</td>
<td>7</td>
</tr>
<tr>
<td>Korea</td>
<td>7</td>
</tr>
<tr>
<td>Italy</td>
<td>7</td>
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</tbody>
</table>
Where in the World Did They Go?

Number of Alumni by Destination

- Asia & the Pacific: 28
- Western Europe: 20
- Latin America and the Caribbean: 15
- Oceania: 10
- North America: 7
- Middle East: 5
- Sub-Saharan Africa: 4
- Eastern Europe: 4
## Where in the U.S. Did They Go?

<table>
<thead>
<tr>
<th>State</th>
<th>Academic</th>
<th>Government</th>
<th>Other</th>
<th>Total</th>
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<tbody>
<tr>
<td>California</td>
<td>30</td>
<td>14</td>
<td>23</td>
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<td>Washington, D.C.</td>
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<td>22</td>
<td>43</td>
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<tr>
<td>Florida</td>
<td>9</td>
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<td>Washington</td>
<td>6</td>
<td>2</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Oregon</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td>7</td>
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<tr>
<td>Michigan</td>
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<td>New York</td>
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<td>North Carolina</td>
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<td>0</td>
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<td>Colorado</td>
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<td>1</td>
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<td>Montana</td>
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<td>Wyoming</td>
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<td>Indiana</td>
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<tr>
<td>Massachusetts</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>4</td>
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</tbody>
</table>
Leadership

• Professional Associations
• Academic Administration
• Government and NGOs
• Private Sector
Leadership

• Professional Associations
  – AAEA Presidents
    • Steve Buccola (2007)
    • Jon Brandt (2004)
    • Jean Kinsey (2002)
    • Richard Shumway (1999)
  – WAEA Presidents
    • Ray Huffaker (2002)
    • Richard Shumway (1989)
Leadership

• Professional Associations

  – *Journal Editors (e.g., AJAE)*

    • Steve Buccola (1992–1994)
    • Mike Wohlgenant (1995–1997)
    • Spiro Stefanou (1998–2002)
    • Michael Wetzstein (2001–2002)
    • Jeff Dorfman (2009–2012)
Honors and Awards

• Quality of Research Discovery
• AAEA Fellows
• AAEA Best Dissertation Awards
## AAEA Award for Quality of Research Discovery

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Co-Recipient</th>
<th>Year</th>
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<tbody>
<tr>
<td>Gordon C. Rausser</td>
<td>1976</td>
<td>Martin Smith</td>
<td>2004</td>
</tr>
<tr>
<td>C. Richard Shumway</td>
<td>1984</td>
<td>James N. Sanchirico</td>
<td>2010</td>
</tr>
<tr>
<td>Gordon C. Rausser</td>
<td>1987</td>
<td>Martin Smith</td>
<td>2010</td>
</tr>
<tr>
<td>Frances R. Homans</td>
<td>1998</td>
<td>Matthew Andersen</td>
<td>2011</td>
</tr>
<tr>
<td>James N. Sanchirico</td>
<td>2000 (HM)</td>
<td>Jennifer James</td>
<td>2011</td>
</tr>
<tr>
<td>Gordon C. Rausser</td>
<td>2001</td>
<td>Joseph Balagtas</td>
<td>2013</td>
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<tr>
<td>AAEA Fellow</td>
<td>Year</td>
<td>Next AAEA Fellow</td>
<td>Year</td>
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<td>Gordon C. Rausser</td>
<td>1990</td>
<td>Gerald A. Carlson</td>
<td>2004</td>
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<tr>
<td>Jean Kinsey</td>
<td>2000</td>
<td>Spiro E. Stefanou</td>
<td>2006</td>
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<tr>
<td>Richard M. Adams</td>
<td>2001</td>
<td>David A. Bessler</td>
<td>2011</td>
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<tr>
<td>Steven T. Buccola</td>
<td>2002</td>
<td>Jeffrey H. Dorfman</td>
<td>2013</td>
</tr>
<tr>
<td>Name</td>
<td>Year</td>
<td>Committee</td>
<td>Year</td>
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<tr>
<td>---------------------------</td>
<td>--------</td>
<td>-------------------------------------------------------</td>
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<tr>
<td>Martin E. Pineiro</td>
<td>1969</td>
<td>Richard Bergen Standiford IV</td>
<td>1990</td>
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<tr>
<td>Gerald A. Carlson</td>
<td>1970</td>
<td>Marca Jon Weinberg</td>
<td>1992</td>
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<tr>
<td>John W. Freebairn</td>
<td>1973</td>
<td>Frances R. Homans</td>
<td>1994</td>
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<tr>
<td>Bruce L. Dixon</td>
<td>1977</td>
<td>Kathryn Blackman Bicknell</td>
<td>1996 (HM)</td>
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<td>Peter G. Bushnell</td>
<td>1979 (HM)</td>
<td>Nicholas E. Piggott</td>
<td>1998</td>
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<td>Christopher D. Easter</td>
<td>1981</td>
<td>James N. Sanchirico</td>
<td>1999</td>
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<tr>
<td>Christopher Ackello-Ogutu</td>
<td>1983 (HM)</td>
<td>John M. Crespi</td>
<td>2001</td>
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<td>James L. Anderson</td>
<td>1984</td>
<td>Martin D. Smith</td>
<td>2002</td>
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<td>Dennis Wichelns</td>
<td>1987 (HM)</td>
<td>Tian Xia</td>
<td>2005</td>
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<tr>
<td>Lois S. Willett</td>
<td>1988 (HM)</td>
<td>Kristiana M. Hansen</td>
<td>2009</td>
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<tr>
<td></td>
<td></td>
<td>Kelly Cobourn</td>
<td>2010</td>
</tr>
</tbody>
</table>
Advisers

• Who supervised all these dissertations?
Dissertations Supervised as Chair or Co-Chair
Stump the Chump!!

- Jim Wilen (40)
- Richard Howitt (28)
- Rich Sexton (23)
- Colin Carter (23)
- Dan Sumner (15)
Multiplier Effects

Ben French

Gordon Rausser

Richard Howitt

Armando Bertranou

Roland Oliviera

Cleve Willis

John Freebairn

Plus many others at other places

William Amspacher
Lois Willett
Carole Nuckton
David Smith
Sophia Wu
Ali Eryilmaz
Dwight Minami
Jon Brandt
Steve Buccola
James Niles

Mohammed Sarhan
Bruce Dixon
David Bessler
George Reeves
Daniel Dudek
Dennis Wichelns
Jerald J. Fletcher
William Kinney
Daniel Dudek
Nora Underwood
Michael Rosen
Donna Lee
Richard Standiford IV
Jukka Peltola
James Murphy
Jonathan Kaplan
Marc Carey
Kathryn Bicknell
Meera Bhatia
Qiuqiong Huang
Santhi Wicks
Siwa Msangi
Kristen B. Ward
Cloé Garnache
Haeng Ku Yoon
Duncan MacEwan
Amelia Blanke
Kristiana Hansen

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Thanks