

Associate to Professor P & T Workshop : Scholarship

- **National distinction of scholarship & outstanding contribution to your field or profession**
- **Effectiveness in areas of position responsibilities**
- **Significant institutional service**



Joe Colletti, Senior Associate Dean

Associate to Professor P & T Workshop : Scholarship

CV & Portfolio Resources & Development

- **CV Citations & Your Role (Tab 1)**
- **Compelling Portfolio (Tab 2)**

Scholarship: Tab 1 CV & Tab 2 Portfolio

- Tab 1 CV -> Quant data, brief explanations; your role needs to be clear
- Tab 2 Portfolio -> Quant data & **narrative** of “what, why, & how” of your research & the **impact**
 - Past & Current Research Programs
 - Future Research Programs

Tab 1 CV: Refereed Citations

Smith, E.* , **J. Jones**, S. Frank, and T. Ralphini. 2014. Potential impact of climate change on riparian management systems in Iowa. *Journal of Soil and Water Conservation*. 62(2): 24-32.

Role: Jones supervised Smith's PhD research, provided concept, analysis and interpretation of results, and editing of manuscript.
[contribution: 40% concept; 30% analysis; 40% writing and editing]

Significance: This is the first paper to provide quantitative estimates . . .

* MS, Ph.D. Post Doc or Research Associate supervised by **J. Jones**.

Research: Tab 1 CV

- Scholarship of Research Accomplishments
 - Bullet statements
 - PI or Co-PI on \$100K of internal & external grants
 - Averaged 1 professional recognition award at national & regional levels
 - PI or Co-PI on extramural grants/contracts totaling \$25 mil since 2008. Personal responsibility for \$10 mil.
- Completed, Current (& Future) Research Programs
 - Description, Outputs & Impacts

Tab 1 CV: Citing Grants & Contracts

<u>Project Title</u>	<u>Agency</u>	<u>Duration</u>	<u>Amount</u>
----------------------	---------------	-----------------	---------------

PI & Co-PI

**total project &
amt for you**

Vegetative Environmental Buffers to Mitigate Odor & Aerosol Pollutants Emitted from Poultry Production Sites	USDA- NIFA-AFRI	3-31-04- 8-31-07	\$440,205 (\$120,000 as PI)
---	-----------------	---------------------	--------------------------------

**J. Jones, M. True, J. Smith, &
F. Smultzee**

Role: Lead PI; co-wrote . . .

Development of Portfolio – Tab 2

- **Syntheses & Interpretations needed of past, current, & future Scholarship and**
 - **Research /Creative Agenda**
 - **Refereed pubs - your role, impact factors, acceptance rate, citation index, h-index(es)**
 - **Grants received - breakout of your \$ received**
 - **Connect grants & publications to research agenda items**
 - **National & International recognitions from Professional Societies**
 - ***Graduate students – where hired (if not in teaching section)***

Portfolio: Research/Creative Activities Section

- ***III. SCHOLARSHIP OF RESEARCH/CREATIVE ACTIVITIES (55% OF APPOINTMENT)***
- ***Statement of position responsibility for research/creative activities: (PRS)***
- **A. Scholarship of Research & Research Agenda**
- A. 1. Scholarship of Research (next slide)
- A. 2. Research Agenda
 - .

Portfolio: Scholarship Beginning

- **A. 1. Scholarship of Research**
- My *Scholarship of Research* is to conduct research focused on discovery, integration, and application related to issues and opportunities of natural resources, the agro-ecosystem, and native forests.
- My **research focuses** on the **economics of agroforestry practices** and systems, **biomass from short rotation woody crops**, and **alternative land use in the Midwest**. My current research is directed toward estimation of the benefits and costs of riparian forest buffers, shelterbelts (in-field and around livestock facilities), and short-rotation woody crops.
- The development and sustenance of this nationally recognized and impactful research scholarship involves the obtainment of extramural funds, mentoring of graduate student research, engagement with peers at national and international scientific conferences and on national committees, and publishing in refereed journals.

Research Agenda Example

A. 2. Research Agenda

My research agenda is classified into three topical areas: agroforestry, biomass/short rotation woody crops, and economics of alternative land use.

1. **Agroforestry:** My agroforestry research is grouped into three sub-areas: a) **riparian management systems (RiMS)**, b) **shelterbelts**, and c) **alleycropping**.

a. My **riparian management systems** research has been the most successful in terms of grant dollars, refereed publications, outreach, and national/international recognition. Since 2007 I have been involved as PI or co-PI (primarily with Drs. X and Y) with 15 grants (\$1.21 million) dealing with riparian forest buffers and their efficacy . . .

***Impact:** RiMS research is recognized as the Midwest model for agroecosystems by the USDA Natural Resource Conservation Service, the state of Iowa's Division of Soil Conservation, and the National Agroforestry Center. My socio-economic survey . . . has served as a model for similar work in the Midwest, especially in Iowa, Missouri, and Wisconsin.*

Portfolio: Summarizing Output & Impact

Table 5. Summary of journal characteristics for candidate's refereed publications (sustainable development) from 2008 to present. Total: 13.

<u>Journal, Affiliation</u>	<u>Acceptance Rate</u>	<u>Articles Published</u>	<u>Impact Factor*</u>	<u>Cited Half-Life*</u>
<i>Community Planning</i> <i>Premier scholarly journal in regional & community Planning</i>	50%	10	1.5	>10
<i>Journal of Sustainable Development</i> , Society of Community & Regional Planners, <i>Internationally renowned, journal dedicated to planning research & policy analysis</i>	60%	3	3.6	9.5

* Impact Factors & Cited Half-Life from ISI Web of Knowledge (Thomas Reuters) as of 7-15-2015

Portfolio: Measuring Faculty Productivity & Impact of Published Work

- **Impact Factor & Cited half-life** measure quality of journal in which you publish
- **h-index** (aka Hirsch index or Hirsch number) is designed to measure both productivity & impact of *your* published works – **USE h-index/indexes!**
- **Not all Literature indexes yield same h-index** – Scopus & Web of Knowledge (narrow) & Google Scholar (broader)

Portfolio: Illustrating Sponsored Funding

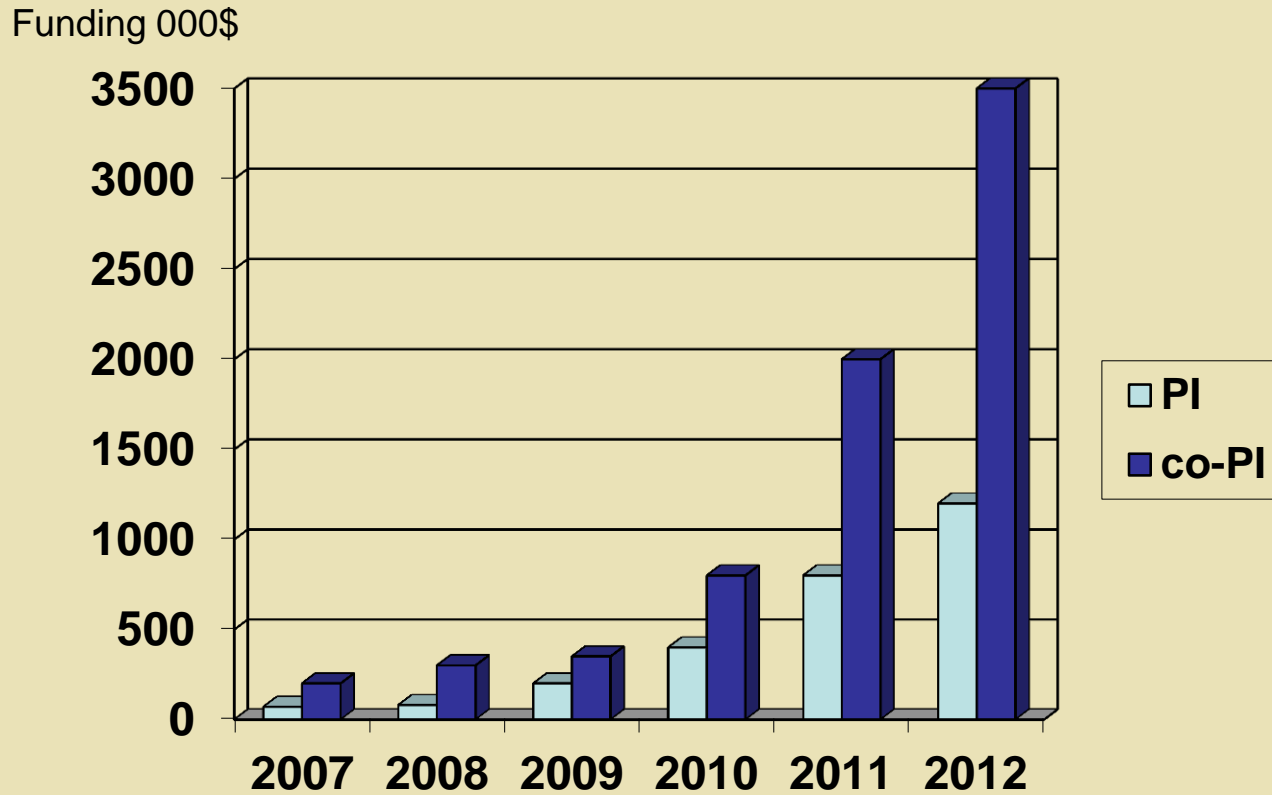


Figure 4. Funding as principal investigator and co-investigator.

Portfolio: Illustrating Impact

Element of Impact

Charettes:

- Averaged 2 Charettes/ year across nation
- Received four national recognition awards for Charettes from Society of Community & Regional Planners

Exhibitions:

- Five Juried Exhibitions: two at New York Metropolitan Museum of Art; two at Art Institute of Chicago; one at Paris College of Art (France)
- One International Award & two National Awards – Best in Show

Portfolio: Summarizing Research Output & Impact

TABLE 6. SUMMARY OF RESEARCH GRANTS BY AREA, GRANT AMOUNTS AND PRODUCTS.

Program Area	No. of Projects	My Amt. \$ Mil	Graduate Students	Refereed Journal Articles	Abstracts & Proceeding	Reports & Book Chpts
Riparian Buffers	6	\$5.5	8	12	10	2
Vegetative Environ Buffers	3	\$2.75	5	10	8	1

h-index = 36 (Google Scholar, 2014) for my two research program areas

h-index = 27 (Scopus, 2014) for my two research program areas

- Charettes – Juried Exhibitions

Summary Points

- **Develop a comprehensive CV with details**
- **Craft a compelling Portfolio- tell your story of doing scholarship & your impact**
 - **Collect & summarize data & information – consider audiences**
 - **Develop a well organized & written section with appropriate summaries & syntheses**
- **Seek mentor & peer input**