

Supplementary Material for Extension Program Development for Early Career Faculty

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Applied Economics Teaching Resources

SURVEY INSTRUMENT

Q1 You are being asked to participate in a research study about agricultural and applied extension economists. Researchers are required to provide a consent form to inform you about the research study, to convey that participation is voluntary, to explain risks and benefits of participation including why you might or might not want to participate and to empower you to make an informed decision. You should feel free to discuss and ask the researchers any questions you may have. **Study Title: Extension Program Advice**
Researcher and Title: Melissa McKendree, Assistant Professor, Agricultural Food and Resource Economics, Michigan State University; Mykel Taylor, Professor, Agricultural Economics, Kansas State University Contact Information: mckend14@msu.edu; 517-432-7640

PURPOSE OF RESEARCH The purpose of this research study is to understand current programming by agricultural and applied extension economists, stakeholders being engaged, and methods of engagement. Furthermore, we seek advice on extension program development to assist early career professionals.

WHAT YOU WILL BE ASKED TO DO You will be asked to respond to a series of about 38 questions about your professional role, demographics, components of your extension program, and advice for future extension agricultural economics. There are multiple question types including multiple choice and short answer questions. Please be honest and concise in your short answer responses.

POTENTIAL RISK AND BENEFITS You will not directly benefit from your participation in this study; however, your participation in this study may contribute to the understanding of the role agricultural and applied economists' play in extension and help future agricultural economists interested in extension. There are no foreseeable risks from participating in this study. The risks are not greater than those ordinarily encountered in daily life. Moreover, you can stop at any time after the survey has already started.

PRIVACY AND CONFIDENTIALITY

Survey responses will initially be linked with your name in case follow up is needed. Only Dr. McKendree and Taylor will have access to the non-anonymized data. After follow up, all data will be anonymized such that no one can link you or your name to the individual data. Individualized data will not be shared outside the research team and data will only be published in aggregate form.

YOUR RIGHTS TO PARTICIPATE, SAY NO OR WITHDRAW

Your participation in this study is voluntary; you do not have to answer any question that

you do not wish to answer and you may discontinue participation at any time for any reason without penalty or prejudice from the researcher.

COSTS AND COMPENSATION FOR BEING IN THE STUDY

There are no direct costs or compensation to be involved in this research, besides the opportunity cost of your time.

CONTACT INFORMATION

If you have concerns or questions about this study, such as scientific issues, how to do any part of it, or to report an injury, please contact the researchers Melissa McKendree, mckend14@msu.edu or Mykel Taylor, mtaylor@ksu.edu. If you have questions or concerns about your role and rights as a research participant, would like to obtain information or offer input, or would like to register a complaint about this study, you may contact, anonymously if you wish, the Michigan State University’s Human Research Protection Program at 517-355-2180, Fax 517-432-4503, or e-mail irb@msu.edu or regular mail at 4000 Collins Rd, Suite 136, Lansing, MI 48910. **Do you voluntarily agree to participate in this research study?**

Yes (1)

No (2)

Q2 Does your work include U.S. extension and/or outreach in agricultural or applied economics?

Yes (1)

No (2)

Q3 Name (First Last):

Note: we will only use your name for follow up purposes. Disaggregated data will not be published.

Q4 Institution (please give full name, no acronyms):

Q5 Which of the following best describes your role?

Private industry (1)

Assistant Professor- tenure track (2)

Assistant Professor- non tenure (3)

Associate Professor- tenure track (4)

Associate Professor- non tenure (5)

Full Professor- tenure track (6)

Full Professor- non tenure (7)

Extension educator/agent (8)

Other (please describe) (9) _____

Q6 What is your appointment split? (must sum to 100%)

Research : _____ (1)

Extension : _____ (2)

Teaching : _____ (3)

Administration : _____ (4)

Other (please describe) : _____ (5)

Total : _____

Q7 How many years have you been involved with extension during your career?

Q8 What is your focus area? (in less than 10 words)

Q9 What is your extension philosophy and/or approach to outreach?

Q10 How integrated are your research and extension programs?

Very integrated (1)

Integrated (2)

Somewhat integrated (3)

Not integrated (4)

Not applicable. I do not have a formal research appointment (5)

Display This Question:

If How integrated are your research and extension programs? != Not applicable. I do not have a formal research appointment

Q11 What are your strategies for integrating your research and extension program?

Q12 Do you work with multi or interdisciplinary teams?

Yes, often (1)

Yes, sometimes (2)

No (3)

Q13 Who do you consider your primary audience?

Q14 What is the primary geographic scope of your extension audience?

State (1)

Regional (2)

National - US (3)

International- Outside the US (4)

Q15 Do you coordinate with any of the following groups to develop/deliver your extension program?

	Yes, often (1)	Yes, occasionally (2)	No (3)
Extension educators/agents (1)			
Consumer groups (2)			
State based producer/commodity organizations (3)			
Regional producer/commodity organizations (11)			
National producers/commodity organizations (4)			
Local and state government/policy makers (6)			
National government/policy makers (5)			
Colleagues in other states (9)			
eXtension (10)			
Other 1 (please describe): (7)			
Other 2 (please describe): (8)			

Q16 The COVID-19 pandemic could have changed the way you typically deliver content to your audience. Please indicate how you typically delivered content before, during and expect to after COVID-19.

	Before COVID-19 (1)	During COVID-19 (2)	Expected after COVID-19 (3)
In person- one on one (9)			
In person- small group ((10)			
In person- large group (>20) (11)			
Webinar (2)			
Hybrid meeting- some people in person some online (12)			
Online media (3)			
Online courses (4)			
Print media (5)			
Radio/TV (6)			
Other 1 (please describe): (7)			
Other 2 (please describe): (8)			

Q17 Since COVID-19, what new strategies are you planning to use in the future or interested in learning more about?

Q18 How do you fund your extension program? Select all the apply.

State budget line items (1)

National budget line items (2)

Commodity organizations (3)

State or university grants (4)

Nationally competitive grants (5)

Fee for service (6)

Registration fees (7)

Foundation donations (8)

Other (please describe): (9) _____

I do not have funding for my program (10)

Q19 Are you training graduate students?

Yes, currently (1)

No (2)

Not currently but have in the past (3)

Not applicable (4)

Display This Question:

If Are you training graduate students? = Yes, currently

Q20 For how many graduate students have you served as their primary adviser in the last 5 years?

_____ MS (1)

_____ MA/MBA type (2)

_____ PhD (3)

Display This Question:

If Are you training graduate students? = Yes, currently

Q21 Do your graduate students work with you on extension projects?

Yes (1)

Sometimes (2)

No (3)

Display This Question:

If Do your graduate students work with you on extension projects? = Yes

Or Do your graduate students work with you on extension projects? = Sometimes

Q22 Are you using external funds to employ graduate students on extension projects?

Yes (1)

Sometimes (2)

No (3)

Display This Question:

If Do your graduate students work with you on extension projects? = Yes

Or Do your graduate students work with you on extension projects? = Sometimes

Q23 How do you train graduate students for extension?

Q24 What do you view as the major challenges facing extension?

Please rate the following items as a major challenge, minor challenge, or not a challenge.

Drag each item into the corresponding box (do not worry about rankings within each box).

Major challenge	Minor challenge	Not a challenge
_____ Budget (1)	_____ Budget (1)	_____ Budget (1)
_____ People interested in extension careers (2)	_____ People interested in extension careers (2)	_____ People interested in extension careers (2)
_____ Changing audience demographics (3)	_____ Changing audience demographics (3)	_____ Changing audience demographics (3)
_____ Industry consolidation (4)	_____ Industry consolidation (4)	_____ Industry consolidation (4)
_____ Delivery methods (5)	_____ Delivery methods (5)	_____ Delivery methods (5)
_____ Consumer interest in ag (6)	_____ Consumer interest in ag (6)	_____ Consumer interest in ag (6)
_____ University administration support (7)	_____ University administration support (7)	_____ University administration support (7)
_____ Demands for tenure (8)	_____ Demands for tenure (8)	_____ Demands for tenure (8)
_____ Training of extension economists (9)	_____ Training of extension economists (9)	_____ Training of extension economists (9)
_____ Other 1 (please describe) (10)	_____ Other 1 (please describe) (10)	_____ Other 1 (please describe) (10)
_____ Other 2 (please describe) (11)	_____ Other 2 (please describe) (11)	_____ Other 2 (please describe) (11)
_____ Other 3 (please describe) (12)	_____ Other 3 (please describe) (12)	_____ Other 3 (please describe) (12)

Q25 Please include any additional comments about challenges facing extension below.

Q26 What are three pieces of advice you would offer to an early career professional getting started in or considering working in extension?

Q27 Advice 1

Q28 Advice 2

Q29 Advice 3

Q30 The best description of your educational background is:

Did not obtain High School diploma (1)

High School graduate (2)

Some college (3)

Technical Training (Certificate or Assoc. Degree) (4)

Bachelor's (B.S. or B.A.) Degree (5)

Master's Degree (M.S. or M.A.) (6)

Doctorate Degree (7)

Other (please describe): (8) _____

Q31 What is your gender?

Male (1)

Female (2)

Prefer not to specify (3)

Prefer to self-describe (4) _____

Q32 Which of the following best describes your race? Select all that apply.

White (1)

Black or African American (2)

American Indian or Alaska Native (3)

Asian (4)

Native Hawaiian or Pacific Islander (5)

Prefer to self-describe (6) _____

Prefer to not specify (7)

Q33 What is your ethnicity?

Hispanic or Latino or Spanish Origin (1)

Not Hispanic or Latino or Spanish Origin (2)

Prefer to not specify (3)

Q34 How would you describe your background?

Born in the US. Please specify state where you consider yourself to be from: (1)

Born outside the US. Please specify the country you consider yourself to be from: (2)

Prefer to not specify (3)

Q35 Please share any other comments here:

Q36 Thank you for sharing your valuable insights with us!