





- Transforming societal problems and questions into useable knowledge.
 - Most closely aligned with traditional research.
 - Contributes not only to the stock of human knowledge but also to the intellectual climate of a college or university.
 - Sharing discoveries through scholarly publication

Teaching & Learning · Involves the search for innovative approaches and best practices to develop skills and disseminate knowledge. · Valuing good theory and best practices as a way to reach and teach students and aspiring scholars and practitioners. · Informal/formal. Teaching, advising, mentoring Aristotle: "Teaching is the highest form of understanding."

Engagement

- · Transacting between academics and practitioners who collaboratively seek ways in which to put knowledge to work in the world.
 - · Sometimes referred to as the Scholarship of Application.

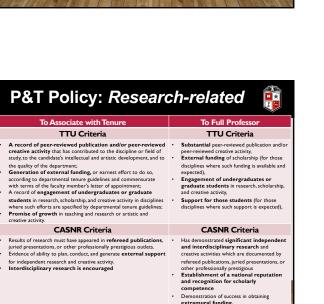
- Discovering of ways that new knowledge can be used to solve real world problems.
 - Higher education must serve the interests of the larger community with the application of knowledge to real world problems

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Integration

- Integrating across disciplinary lines to collaboratively construct approaches to societal complex or wicked problems and questions.
 - · Bringing findings together from different disciplines to discover convergence.
 - · Identify trends and see knowledge in new ways.
 - · Bringing insight to bear on original research with interpretive, integrative, interdisciplinary approaches.

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P&T Policy: Teaching-related **•** * To Associate with Tenure To Full Professor TTU Criteria Tesching includes activities that contribute to sudden learning. For UCTIERTA Tesching includes activities that contribute to sudden learning. Evaluation of teaching shall include effectiveness of course content and delivery, student learning outcomes, and demonstration of up-to-date knowledge of the candidate's discipline. In some instances, steaching may be indirect primarily in support of student learning activities. Faculty members also influence teaching by designing courses and curricula. Testbooks, articles and other contributions to creative pedagogy, and innovesite instructional materials, including documentation related to service-learning outcomes, may be considered contributions to teaching. Leading students on studies abroad is another contribution to teaching in addition, faculty members influence teaching in less tangible, but no less decisive ways, through activities such as courseling students. CASNR Criteria CASNR Criteria

- A. Has demonstrated quality performance as an undergraduate and/or graduate instructor. Assessment is based on: (a) student-teacher evaluations. (b) peer evaluations. (c) student advining (undergraduate evaluations. (b) peer evaluations (c) student advining (undergraduate programs. Assessment is based on: evaluations, (b) peer evaluations, (c) student advising (undergraduate and graduate), (d) advising of student organizations, (e) coaching of students for competitive events, or (f) other activities supportive of the educational goals of CASNR. B. Has made positive contributions to Departmental, College, and University instructional program goals. Assessment is based on: C. Has successfully directed graduate student programs. Assessment is based on: (a) number and quality of HD. Dand Master's degree students advised and (b) number of completed graduate degrees in line with relative percentage appointment in teaching and research/creative activity.

leadership and contributions to teaching activities of the

Department, College and University, and number of completed graduate degrees.

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How Many? "Two are better than one if two act as one." *Mike Krzyzewski, Duke basketball coach* Discovery Teaching & Learning

Start With the End in Mind
What do you want to know (or be known for) by the end of your accer (a focused line of inquiry)?
Or start smaller – what you would like your research program to look like ~5 years from now?
What will be the focus of your research? What will be your subsidiary interests?
To what extent, and how, will your research program be integrated with your teaching?
Where and how well will you be known, within the profession or your college/university?
What equipment will you have, or have access to?
With whom will you be collaborating, besides your students?

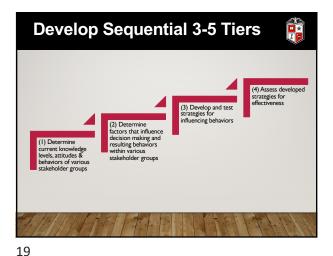
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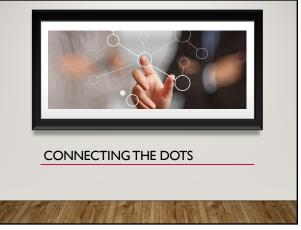
Doerfert Research Goals (2002)

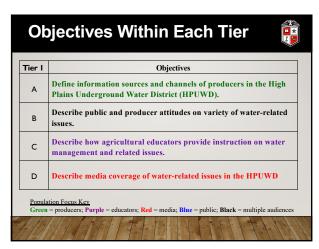
- 1. Building an effective knowledge management system for agricultural water management & conservation.
- 2. Improve science communication including the complexities of sharing and receiving agriculture between industry stakeholders and the public

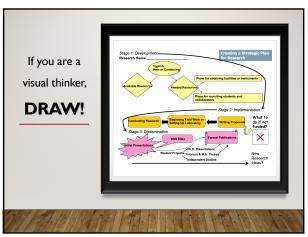


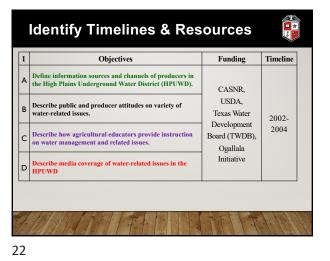
Davia ב. אספרקפרד, אח.ש. david.doerfert@ttu.edu















Which Would You Like to Work On?	
Tier I	Objectives
A	Define information sources and channels of producers in the High Plains Underground Water District (HPUWD).
В	Describe public and producer attitudes on variety of water-related issues.
с	Describe how agricultural educators provide instruction on water management and related issues.
D	Describe media coverage of water-related issues in the HPUWD
Ponulation Focus Key Green = producers; Purple = educators; Red = media; Blue = public; Black = multiple audiences	



Activities and/or Results To-date

Data has been collected and partially analyzed. A paper has been presented at a

regional water research mtg. Two master's theses have been supervised with results being prepared

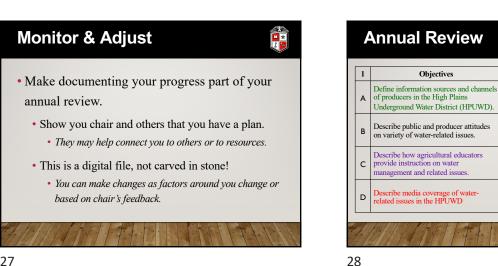
Master's thesis being considered.

A master's thesis has been supervised with results being prepared for

for dissemination.

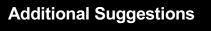
dissemination.

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- · Find consultants/mentors who were most well known in your area (may be outside of agricultural communications).
- See if other researchers who were funded in your research program focus will review your research program, related manuscripts, and/or related funding proposals.
- · Take a course or participate in a workshop on grant writing.

