

**Promotion and Tenure Vitae  
for Extension Faculty  
in the College of Public Health and Human Sciences**

January 2013

**Mike Knutz**

**Associate Professor, School of Social and Behavioral Health Sciences  
OSU Extension Service – Yamhill County  
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McMinnville, OR 97128  
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{PRIVATE }

**A. Education and Employment**

**Education**

<b>Years</b>	<b>University</b>	<b>Degree</b>	<b>Field of Study</b>
1993	Oregon State University	Master of Agriculture	Agriculture Education
1992	Oregon State University	Bachelors of Science	General Agriculture

**Current Professional Certifications (14 pt)**

*The year, certifying body, and type of certification should be listed.*

<b>Year</b>	<b>Certifying Body</b>	<b>Certification</b>
2011	Pork Quality Assurance Advisory	National Pork Board
2011	Oregon 4-H Shooting Sports Program	Master Volunteer –Pistol
2009	Oregon State University	Affirmative Action Search Advocate
2009	Oregon 4-H Shooting Sports Program	Master Volunteer –Shotgun
2006	Oregon 4-H Shooting Sports Program	Master Volunteer –Archery
2004	Oregon State University	Tractor/Farm Machinery Safety

## Employment Information

<b>Years</b>	<b>Employer/Location</b>	<b>Title and Description of Duties</b>
2007- Present	Oregon State University <b>Yamhill County</b>	<b>Associate Professor County 4-H Youth Development Faculty</b> Employ best practices in youth development in providing leadership and oversight to a diverse portfolio of Extension programs focused on the needs of local youth. Recruit, screen, and train volunteers to assist with program delivery.
2001- 2007	Oregon State University <b>Polk County</b>	<b>Associate Professor County 4-H Youth Development Faculty</b> Employ best practices in youth development in providing leadership and oversight to a diverse portfolio of Extension programs focused on the needs of local youth. Recruit, screen, and train volunteers to assist with program delivery.
1998-2001	McMinnville School District	<b>Agriculture Science &amp; Technology Instructor</b> Taught high school and college credit courses including Horticulture, Natural Resources, Computer Aided Drafting, and Agricultural Mechanics & Welding and served as the FFA Advisor.
1995-1997	Burnt River School District	<b>Agriculture Science &amp; Technology Instructor</b> Taught high school classes including Natural Resources, Agriculture, Life Science, P.E./Drivers Ed., Mechanics & Welding.
1994-1995	Tillamook School District	<b>Agriculture Science &amp; Technology Instructor</b> Taught high school courses including Biology, Agriculture, Aquaculture, Natural Resources, Agricultural Mechanics & Welding and served as the FFA Advisor.

1994-1995

Dayton School District

**Agriculture Science & Technology  
Instructor**

Taught junior high and high school courses including: Agriculture, Horticulture, Agri-businesses & Economics Agricultural Mechanics & Welding and served as the FFA Advisor.

## B. Teaching, Advising and Other Assignments

### 1. Instructional Summary

#### Non-Credit Courses/Workshops

Instructional Summary Non-Credit Courses/Workshops		
Type	Number of Classes	Participants
Volunteerism	10	143
Youth Development	43	134
Afterschool Programming	52	73
<b>Total</b>	<b>105</b>	<b>350</b>

#### Volunteerism

Quality volunteer systems connect young people with caring (youth and) adults leading to positive outcomes for youth. The five core elements of volunteer development include: 1) creating safe environments, 2) engaging volunteers, 3) administering volunteer management systems, 4) benefitting from volunteering, and 5) strengthening partnerships. Volunteer program management includes recruitment, promotion, selection, screening, placement, education, recognition, and evaluation. Effective volunteer program management includes volunteer development, supervision, and organizational structure. In Yamhill County more than 630 youth participate in 4-H clubs and programs, supported and led by volunteers who contribute their valuable time, talent and financial resources to the program. Volunteers participate in 4-H as leaders, teachers, coaches, mentors, supervisors, chaperones, fund-raisers and contributors, in both short-term and long-term roles. 4-H provides volunteers the opportunity to learn and apply life skills. Volunteer development also helps build the capacity of the 4-H program to ensure long-term public well-being. Effective volunteer program management includes volunteer development, supervision, and organizational structure.

**Knutz, M** (2012). Working with Youth (Orientation for New 4-H Volunteers) McMinnville, OR. 4 sessions of two hours each, 8 hours, 40 total participants.

**Knutz, M** (2012). Working with Youth (Junior Leader Volunteer Training) McMinnville, OR. 2 sessions of two hours each, 4 hours, 15 total participants.

**Knutz, M** (2012). Working with Youth and Adults (Fair Superintendent Volunteer Training) McMinnville, OR. 2 sessions of two hours each, 4 hours, 16 total participants.

**Knutz, M** (2012). Robotics Coaches Training (FLL Volunteer Coaches Workshop)

McMinnville, OR. One 7 hour session, 7 hours, 11 total participants.

**Knutz, M** (2012). Volunteer 4-H Leader Continuing Education (Annual Leaders Meeting) McMinnville, OR. One 1 hour session, 1 hour, 61 total participants.

## **Youth Development**

Positive youth development, or PYD, describes youth programming that is intentionally designed to enhance developmental outcomes in youth. The goal of positive youth development programs is to encourage and facilitate the growth of “functionally valued” behaviors resulting in thriving and wellbeing throughout adolescence, with the ultimate goal of helping young people develop into productive and contributing adults. Functionally valued behaviors include competence, character, connection, confidence, and caring, commonly called the “5 C’s.” The goal of all Oregon 4-H programs is to teach subject matter and life skills through an intentional process that helps young people develop the 5 C’s.

**Knutz, M** (2012). Working with Campers (Camp Staff Training) Salem, OR. 4 sessions of two hours each, 8 hours total, 40 total participants.

**Knutz, M** (2012). Ag. In the Classroom Literacy Project Training. McMinnville, OR 1 hour session for a total of 15 participants.

**Knutz, M** (2012). Tractor Safety Certification. Amity, OR. 5 sessions of two hours each, 15 hours, 27 participants.

**Knutz, M** (2012). Introduction to Shooting Sports. ELT Homeschool Program, McMinnville, OR. 7 sessions of two hours each, 14 hours, 12 total participants.

**Knutz, M** (2012). Introduction to Robotics. ELT Homeschool Program, McMinnville, OR. 8 one hour sessions, two sections, 16 hours, 20 total participants.

**Knutz, M** (2012). Leadership Development for County 4-H Ambassadors. McMinnville, OR 10 one hour sessions, 10 hours, 20 total participants.

## **Afterschool Program**

Since the fall of 2009, Mike Knutz has developed and implemented a science, engineering and technology (SET) afterschool program in elementary schools in McMinnville as part of a Children, Youth, Families At Risk (CYFAR) grant. The program involves establishing 4-H Clubs in the afterschool setting that provides opportunities for youth to develop a sense of belonging, support for efficacy (Independence), and activities for building skills in SET skills. In addition, the project targets Latino youth who are an underserved population in the Yamhill County 4-H Program. During this past program year, robotics clubs operated in five elementary schools, a private school, a homeschool program, an intermediate school, and two middle school teams reaching a total of 146 students; 34% were Latino. Recruitment efforts have resulted in 19 new volunteers to serve as coaches since the programs began.

**Knutz, M** (2012). Learning SET with Robotics (Fall Afterschool Program) McMinnville, OR. 28 sessions of 1.5 hours each, 42 hours of total instruction, 26 total participants.

**Knutz, M** (2012). Learning SET with Robotics (Spring Afterschool Program) McMinnville, OR. 24 sessions of two hour each, 48 hours of total instruction, 47 total participants.

## **Educational Materials**

*Within the scope of Extension education, materials to support teaching and facilitated delivery of programs can take many forms. These include publications that support educational workshops, teaching materials developed for use in specific training sessions, program management materials which support delivery of facilitated programs, and materials that bring the educational message to a broader audience (i.e. newsletters, web sites, etc.).*

## **Publications for County or Area Distribution**

### **Teaching Materials**

**Knutz, M.** (2012). 4-H Robotics Advancement. 4-H Volunteers/Members. Helps guide self paced learning by 4-H youth in robotics project. Used with youth in 4-H Afterschool Clubs. 47 distributed.

### **Digital Media Productions**

**Knutz, M.** (2012). 4-H Volunteer Training. OSU Extension Service of Yamhill County. Power Point presentation for new 4-H leader training.

**Knutz, M.** (2012). 4-H Recognition Ceremony. OSU Extension Service of Yamhill County. Power Point presentation for recognizing outstanding 4-H youth.

### **Program Management Materials**

**Knutz, M.** (2012). 4-H Robotics Club Flyer. OSU Extension Service of Yamhill County. Afterschool Robotics Program Recruitment Flyer. 300 distributed

**Knutz, M.** (2012). Poultry College Flyer. OSU Extension Service of Yamhill County.. Poultry College Workshops for youth and adults. Distributed online and via email statewide.

**Knutz, M.** (2012). Critter Romp Flyer. OSU Extension Service of Yamhill County.. Poultry College Workshops for youth and adults. Distributed online and via email statewide.

**Knutz, M.** (2012). 4-H Wild West Camp Flyer. OSU Extension Service of Yamhill County. Flyer for potential campers. Distributed to all students grades 4-7 in the McMinnville School District and statewide via website.

**Knutz, M.** (2012). County 4-H Shooting Sports Tournament Flyer. OSU Extension Service of Yamhill County. Distributed to 4-H shooting sports families.

**Knutz, M.** (2012). FLL Robotics Coaches Training Flyer. OSU Extension Service of Yamhill County. Potential 4-H Robotics Volunteers.

**Knutz, M.** (2012). FLL Robotics Showcase Flyer. OSU Extension Service of Yamhill County. Youth in robotics program. 80 distributed.

**Knutz, M.** (2012). 4-H Rotics Club Volunteer Recruitment Flyer. OSU Extension Service of Yamhill County. Sent home with all 3<sup>rd</sup> graders in the McMinnville School District. 2,300 distributed.

**Knutz, M.** (2012). 4-H Wild West Camp Website. OSU Extension Service of Yamhill County. New and returning campers. Online

**Knutz, M.** (2012). Tractor Safety Certification. OSU Extension Service of Yamhill County. Youth ages 14-17. Online

**Knutz, M.** (2012). 4-H County Website. OSU Extension Service of Yamhill County. New and current 4-H Audience. Online

## Team or Collaborative Efforts

The Sustainable Communities Project is a Children, Youth, & Families At-Risk grant funded program that delivers Science, Engineering, & Technology (SET) educational programs to youth in grades 3-5 using afterschool 4-H Clubs. The outcomes of the program are that youth will gain and apply knowledge, skills, and abilities in science, engineering, and technology; increase their confidence as students of SET, and work more effectively as team members. This program is running in two counties (Benton and Yamhill). In Yamhill County the collaborating partners are the McMinnville School District (Grandhaven Elementary School, Sue Buel Elementary School, Wascher Elementary School, Memorial Elementary School, and Newby Elementary School), and the OSU Extension Service 4-H Program. The schools have provided classrooms, computers, snacks, and facilitated recruitment for the clubs. In Partnership with the McMinnville School District, the Robotics afterschool program received a \$20,000 grant in 2011 from the Department of Education to purchase equipment and supplies to expand the program to additional schools. In its first year of operation in 2009, the program served a total of 121 youth in grades 3-5 at three elementary schools. In 2012, the program reached 142 students in five schools. Over the years, the program has served a total of 339 students.

Tractor Safety Certification Program. The tractor safety certification is required for to be hired to drive tractor for farm and nursery landscape businesses. Amity High School provides a classroom, volunteers to assist, and a tractor and trailer. The McMinnville John Deere Dealership and the Kabota Dealership provide the use of tractors and instructors for a portion of the training. Over 97 students have completed the certification program since its beginning in 2009.

State 4-H Camp Leadership Conference. Residential camps contribute to the positive development of youth when they intentionally include program elements such as the *4-H Essential Elements*: opportunities for mastery, independence, belonging, and generosity. Adult staff, volunteers and youth need professional development themselves to understand how to design and deliver a PYD experience in camp. Mike Knutz served as the co-chair with Virginia Bourdeau, 4-H Specialist, along with Woody Davis, Columbia County, Robin Galloway, Linn County, Marilyn Lesmeister, Campus, Anne Manlove, Jackson County, Jeanette Sampson, Clatsop County to conduct the 2012 State 4-H Camp Leadership Conference held at the Oregon 4-H Center the last week in March.

Nourish Yamhill Valley. Despite being surrounded by an amazingly rich array of agricultural bounty, there is another reality in Yamhill County: that reality is that each month almost 7000 individuals in our community struggle to have enough to eat, and have to seek emergency food boxes or meals to make ends meet. In 2010, 15,916 people received SNAP benefits (formerly food stamps)—that's nearly 1 in 5 residents. Half of our county's school kids qualify for the Free and Reduced Meal Program. This is the great irony of life in the Yamhill Valley: surrounded by food, and yet some in our community cannot get enough to feed their families. Still others are plagued by diet-related diseases. Others are suffering from chronic unemployment. Nourish Yamhill Valley is a community collaborative effort seeking to create a holistic, equitable, and resilient food system in Yamhill County that improves food security and addresses healthy food habits for all households. The collaborative has conducted an assessment of the food system in Yamhill County and conducted community meetings to develop community based solutions. The summit will be held in January of 2013. Steering committee members include farmers, members of the Yamhill Soil & Water Conservation District Board, Yamhill Community Action Program (YCAP), Yamhill County Public Health, Grow International, McMinnville Economic Development Partnership, Microenterprise Resources, Initiatives & Training (MERIT), County Commissioner, Yamhill Enrichment Society, and the OSU Extension Service faculty member.

4-H Wild West Camp. This summer camp is a six day five night residential camp held at the Oregon 4-H Center just west of Salem. With 142 campers, it is one of the larger 4-H summer camps and longest running camp dating back to the early 1980's. This camp is conducted by the team effort of youth development faculty members Melanie Mintken, Marion County; Judi Peters, Polk County; and Mike Knutz, Yamhill County. The camp was evaluated using a survey tool developed by Mary Arnold, OSU 4-H Evaluation Specialist.

## 2. Student, Participant/Client and Program Evaluations

### Student and/or Participant/Client Teaching Evaluations

Date	Students	Eval/Ret	Class Title	Rating
2012	9 (adults)	9	Volunteer Training	TBA
2012	13 (adults)	13	Volunteer Training	5.62 out of 6
2011	8 (youth)	10	Robotics Program	5.50 out of 6
2011	11 (youth)	11	Jr. Leader Training	4.90 out of 6
2011	10 (adults)	9	New Leader Training	5.60 out of 6
2010	22 (adults)	22	PYD for At-Risk Programs	5.80 out of 6
2010	10 (adults)	8	Fair Superintendent Training	5.75 out of 6
2010	12 (adults)	12	New Leader Training	5.70 out of 6
2010	32 (youth)	32	Winter Camp Staff Training	5.60 out of 6

### Evidence of Program Impact

State 4-H Camp Leadership Conference 2012. This statewide conference for youth and adult camp staff was held in March. An evaluation tool which used a retrospective pre-test methodology to survey participants at the end of the conference weekend was conducted. Eighty five evaluations were returned. The evaluation shows that a significant impact was made for both youth and adults in the following areas: I know how to mentor others to develop their leadership skills.

- Knowing how to pick specific goals for camp.
- Intentional outcomes identified before camp begins.
- Ability to lead a teambuilding activity.
- Preparing campers for presenting a skit.

4-H Wild West Camp (2012). Research shows that residential camps contribute to the positive development of youth, and that this development occurs across multiple domains. Thurber, Scanlin, Scheuler, & Henderson (2007) outline four developmental domains impacted by camp: 1) Positive identity (including self-esteem and independence); 2) Social skills (such as leadership, friendship, social comfort, and peer relationships); 3) Physical and thinking skills (including adventure and exploration as well as environmental awareness); and 4) Positive values and spirituality. Other research has shown that camps contribute to the development of knowledge, independence, responsibility, self-esteem, self-efficacy, and teamwork (Arnold, Bourdeau, & Nagele, 2005, Garst & Bruce, 2003; Powell, 2003). Campers also learn about nature

and the outdoors, often returning from camp with a wider awareness and appreciation of the natural world (Smith, 2001). The evaluation of the Oregon 4-H camping program was conducted through a multi-site evaluation. The evaluation instrument used included basic demographic information, followed by 24 items grouped into three questions that related to: 1) The Camp Experience (such as being away from home, experiencing nature, and meeting new friends); 2) Developmental Outcomes (such as communication, skill building, responsibility and decision making; 3) The 4-H Essential Elements (mastery, belonging, generosity and independence). Each item was rated on a one to four Likert scale: 1) Strongly disagree; 2) disagree; 3) agree; 4) strongly agree. Descriptive analysis was used to determine the frequency and percentages of campers' ratings for each item. Impact data will be available in January of 2013.

County 4-H Ambassadors Program (2012). A program evaluation was conducted utilizing the state 4-H tool for positive youth development. The Positive Youth Development Inventory (PYDI-S) (short version) is a collection of 34 likert scale items designed to measure changes in levels of positive youth development (PYD). This version of the instrument includes measurement of the following latent constructs: 1) Pro- Social Values; 2) Future Orientation; 3) Emotional Regulation; 4) Personal Standards; 5) Adult Support; 6) Friendships, and 7) Contribution. Each item is rated on four-point scale: (1) Strongly disagree; (2) Disagree; (3) Agree; and (4) Strongly agree. The Positive Youth Development Inventory is intended to measure levels of positive youth development as an outcome of youth development programs that follow a specific set of program criteria which are prerequisites to achieving enhanced PYD through a youth development program approach. Impact data will be available in January of 2013.

### 3. Peer Teaching Evaluations

<b>Peer Review of Teaching Summary</b>		
<b>Year</b>	<b>Name of Class</b>	<b>Name of Person Completing Peer Review</b>
2011	Camp Staff Training	Peters, J.
2011	OSU Centennial	McMahan, L.
2010	Camp Counselor Training	Rose, P.
2010	PYD for Children at Risk	Sawyer, B.

### 4. Advising

## 5. Other Assignments

### Extension Program Leadership and Management

*The reach of Extension faculty is multiplied greatly when they empower others to work on their behalf. This work is typically accomplished through trained volunteers. This section allows Extension faculty to describe major efforts that are conducted under their leadership but may not involve direct teaching on their part. Work described here typically results from the faculty member serving as a convener or facilitator.*

Extension Program Leadership Summary	
Type	# of Participants
Resident and Day Camps	205
Afterschool Programs	69
Volunteer Led Programs	2,060
County Leader Related Efforts	38

#### Resident and Day Camps

**Knutz, M.** (2002-Present) 4-H Wild West Camp. Six-day resident camp that has involved 1,029 total participants since 2004. Faculty's role is to lead planning team, recruit counselors and instructors, manage discipline issues at camp and manage finances. In 2004, when Mike Knutz became the camp director, there were 72 participants. Today it has grown to serve 170 youth.

**Knutz, M., Mintken, M, Peters, J.** (2002-Present) 4-H Camp Leadership Club. This program provides training to youth in grades 8-12 to become camp counselors. Faculty's role is to develop the lesson plans for meetings, share coordination responsibilities for meeting locations, and recruit new youth. Since 2004, 172 youth have participated in the program. 35 youth were served in 2012.

#### Afterschool Programs

**Various Presenters, Knutz, M.** (2009-Present) 4-H Lego Robotics Program. Coordinate the work of 15 volunteer coaches who lead 4-H Lego Robotics Clubs at 7 elementary schools across the county. Role of the candidate was to purchase and schedule use of equipment, develop promotional material, supervised paid teen staff, assist teams in registering for competitions, train and assist new volunteers, facilitate showcase nights, and coordinate school district provided equipment, snacks, and room use. 69 youth were served through volunteer led clubs.

## Volunteer Led Programs

**Adkins, J., Hermes, J, and Knutz, M.** (2011-Present). Poultry College. Program provides seminars on raising poultry for egg and meat production for the backyard and small scale operations. Other classes included raising waterfowl, pigeons, and showmanship training for youth. Responsibilities included securing facilities, developing promotional materials, coordinating registration, and inviting speakers. Volunteers provide day of coordination and leadership for the event. Over 170 people have been served through this program.

**Various Volunteers, Drew, L. Knutz, M. and Smith, V.** (2001-Present) 4-H Club Program. Provide oversight and supervision for a network of 139 volunteers who serve as 4-H Leaders on project specific learning. Volunteers receive training, publications, and ongoing support from an Extension Staff. Volunteer activities include teaching and supervising youth, assisting with countywide workshops and events, and chaperoning youth during county and state fair. These volunteers serve 452 youth in Yamhill County during 2012.

**Various Volunteers, Drew, L. Knutz, M. and Smith, V.** (2001-Present) 4-H Horse Shows/Clinics. Provide oversight and supervision for a network of 30 volunteers who serve as 4-H Leaders with the Horse Project. Volunteers meet monthly to plan county wide horse project learning events like clinics and exhibition shows with ongoing support from an Extension Staff. These volunteers serve 124 youth in Yamhill County who participate in the Horse 4-H Project. In 2012:

- Gaming Play Day served 22 youth & adults
- Horsen'Around Clinic served 75 youth & adults
- Crazy Ribbon Horse Show served 116 youth & adults
- Leap Into Spring Horse Show served 67 youth & adults
- Horse Pre-Fair served 83 youth

**Various Volunteers, Knutz, M.** (2010-Present) Yamhill County 4-H Shooting Sports Tournament. Provide oversight and supervision for a network of 20 volunteers who serve supervise and instruct youth in fire arm knowledge, safety, and marksmanship in various shooting sports disciplines. The county wide tournament held over two days served 79 youth.

**Drew, L., Knutz, M. and various volunteers** (2007-Present). Critter Romp. Program provides learning to youth in grades 4-12 through the exhibition of small animals. Responsibilities included securing facilities, developing promotional materials, coordinating registration, and inviting judges, recruiting volunteers to provide day of coordination and leadership for the event. Over 200 people have attended this event annually.

**Drew, L., Knutz, M., Smith, V. and various volunteers** (2007-Present). 4-H Fall Recognition Program. Program provides recognition and speaking opportunities to youth in the county 4-H club program. Responsibilities included securing facilities, developing coordinating review of 4-H Member record books, and recruiting and coordinating

volunteers on the recognition committee, provide leadership and assist with day of event operations. Over 200 people attend this event annually.

**Bussey, S. & Knutz, M.** (2007-Present). 4-H International Program. Provides opportunities for outbound and inbound host-family based exchange experiences. 11 people participated in 2012.

**Various Volunteers,** Drew, L. Knutz, M. and Smith, V. (2007-Present) Yamhill County Fair 4-H Exhibition and Contests. Provide oversight and supervision for a network of 120 volunteers who serve as 4-H Club/Project/Resource Leaders. Volunteers help supervise and prepare youth for exhibition with ongoing support from an Extension Staff. These 124 volunteers serve 322 youth in Yamhill County who participate in the Yamhill County Fair to exhibit 2,897 project entries.

### **County Leader Related Efforts**

**Emshoff, B. & Knutz, M.** (2013). Oregon Open Campus. Informational presentation to Yamhill County High School Administrators and Chemeketa Community College administration & Staff. 18 people attended.

**Godwin, D. & Knutz, M.** (2012-present). Yamhill Extension Advisory (YEA). Provide leadership and oversight to a network of citizens who serve to advise, advocate, and increase collaboration efforts on behalf of the OSU Extension Service in Yamhill County. Two meetings were held in 2012. 20 people have participated.

## Public Information and Media

### News Columns and Releases

**Knutz, M.** (2012). The News Register, published twice weekly, 10,000 readers.  
The following is a summary by topic of the articles that were published:

Topic	Number of Articles
4-H Robotics Program	3
Youth at County & State Fair	4
Youth Leadership	2

**Knutz, M.** (2012). The Newberg Graphic, published weekly, 4,900 readers.  
The following is a summary by topic of the articles that were published:

Youth at County & State Fair	2
Youth Leadership	3

### Non Competitive Grants and Fundraising

(2012) Solicited and received donations totaling \$1,000 from the Yamhill County Farm Bureau for the support Fall 4-H Awards Program.

(2012) Solicited and received donations totaling \$5,494 from individuals, businesses, and organizations for Yamhill County Fair 4-H Awards.

(2012) Solicited and received donations totaling \$2,490 from individuals, businesses, and organizations for Yamhill County 4-H Shooting Sports Program.

(2012) Solicited and received donations totaling \$1, 070 from individuals and businesses for the 4-H FLL Robotics Teams.

### Ask an Expert

(2012-Present) Responded to 2 question submitted through the eExtension “Ask an Expert” system.

## C. Scholarship and Creative Activity

*Scholarship and creative activity are understood to be intellectual work whose significance is validated by peers and which is communicated. More specifically, such work in its diverse forms must be based on a high level of professional expertise; must give evidence of originality; must be documented and validated as through peer review or critique; and must be communicated in appropriate ways so as to have impact on or significance for publics beyond the University, or for the discipline itself. Intellectual work in research, teaching, extension, service, or other assignments is scholarship if it is shared with peers in journals, in formal peer-reviewed presentations at professional meetings, or in comparable peer-evaluated forums.*

*Scholarship and creative activity derive from many activities, including but not limited to*

- *research contributing to a body of knowledge;*
- *development of new technologies, materials, methods, or educational approaches;*
- *integration of knowledge or technology leading to new interpretations or applications;*
- *creation and interpretation in the arts, including the performing arts; work on steering committees, funding agency panels and editorships where the outcome is a fundamental change in the field's direction.*

### 1. Refereed Publications

#### **Refereed Professional Journal Articles**

*Author(s). (year, month). Title. Name of Journal, Volume (Number), Page numbers.*

#### **Journal of Extension**

*The Journal of Extension (JOE) is the official refereed journal of the U.S. Cooperative Extension System. JOE expands and updates the research and knowledge base for Extension professionals and other adult educators to improve their effectiveness. JOE is written, reviewed, and edited by Extension professionals, sharing with colleagues successful educational applications, original and applied research findings, scholarly opinions, educational resources, and challenges on issues of critical importance to Extension educators. JOE is an online journal with a current acceptance rate of 34%. In 2008, JOE averaged 5,954 daily visitors to the website.*

#### **Refereed Abstracts**

*Author(s). (year). Title. Location of Organization. Name of Organization. URL, if applicable.*

#### **Peer Reviewed Publications for National Distribution (14 pt)**

*Author(s). (Year). Title. Publication number, Publisher, Pages. Number distributed. Describe the review process used.*

**Arden, P. & Knutz, M.** (2011) *Learning Styles*. 4-H National Headquarters Fact Sheet. National Institutes for Food and Agriculture, United States Department of Agriculture. 2 pages.

## Peer Reviewed Publications for State or Regional Distribution

## 2. Presentations at Professional Meetings and Conferences

### Refereed National and International Presentations

### Refereed Regional or Multi-State Presentations

### Refereed In-State Presentations

#### 4-H and FCH Staff Development Conferences

*Opportunities to present seminars and poster sessions are included in the annual professional development conference for Extension 4-H and FCH faculty and staff. Abstracts for seminar and poster presentations are evaluated through a double-blind, peer-refereed process. Acceptance rate for abstracts ranges from 40-50 percent.*

**Curiel, C & Knutz, M.** (2012). Using Robotics in Afterschool Programs. *Spring 4-H/FCH Professional Development Conference*. Wilsonville. 75 minutes. 11 participants. SET competency seminar.

### Invited Presentations

**Knutz, M.** (2011). Robotics in the Afterschool Setting. *CCLC Leadership Conference*. Brooks, OR, 60 minutes. 18 participants. Invited workshop.

### 3. Competitive Grants and Contracts

Grants and Contracts Summary	
Youth Development	<u>\$1,500</u>
<b>Total Resources</b>	<b>\$1,500</b>

**Knutz, M.** (2012). "Growing Green; Jackson Summer Camp Grant." Oregon 4-H Foundation, \$1,500 total, competitive grant. Funded.

## D. Service

List university, college, Extension/county, committees (or other responsibilities), with dates.

### 1. University Service

#### University

#### School, or College

#### OSU Extension Service

### 2. Service to the Profession

#### National or Regional

2001- present	National Association of Extension 4-H Agents	Member
2009-present	Epsilon Sigma Phi (ESP) Recognition Committee	Member
2011-present	NEA4HA 2015 Conference Planning Committee	Member

#### State

2001- present	NAE4-HA Oregon Affiliate	Member
2001-present	OSU Extension Association	Member
2009-present	ESP Gamma Chapter Recognition Committee	Chair

### 3. Service to the Public (professionally related)

2008- present	Yamhill County Commission on Children & Families	Member
2011-present	Soil & Water Conservation District Budget Committee	Member
2012-present	Nourish Yamhill Valley Collaborative	Member

## E. Awards

### 1. National and International Awards

Larwood, L., Green, J., Bothum, C., Withee, S., Wells, E., Livesay, M., **Knutz, M.**, Carlson, S., Kershaw, N., Busler, S., Smith, J., Smith, C., Hein, W., Willis, P., Middleton, T. & nineteen volunteers. (2012) States' 4-H International Exchange Programs—Extraordinary Quality Program. In recognition of extraordinary quality in all international exchange/global citizenship programs (one of four states receiving this award). Presented by the National Board. Framed Certificate

### 2. State and Regional Awards

**Knutz, M. (2012)** Epsilon Sigma Phi, Diversity and Multicultural Award. Acknowledges outstanding efforts and accomplishments in developing, achieving and sustaining Diversity and Multicultural programming. Presented by ESP Gamma Chapter. Received a plaque.

### 3. University and Community Awards

## **Descriptions of professional associations and journals that can be used to describe the scope and significance of entries in the scholarship section of the vitae.**

### **American Evaluation Association**

*The American Evaluation Association is an international professional association of evaluators devoted to the application and exploration of program evaluation, personnel evaluation, technology, and many other forms of evaluation. Evaluation involves assessing the strengths and weaknesses of programs, policies, personnel, products, and organizations to improve their effectiveness. AEA has approximately 6800 members representing all 50 states in the US as well as over 60 foreign countries. Approximately 3000 members attend the annual conference. A double blind, peer refereed process is used to select paper presentations, panels, roundtables, and skill-building sessions.*

### **American Public Health Association**

*The American Public Health Association is the oldest and most diverse organization of public health professionals in the world and has been working to improve public health since 1872. APHA and its state affiliates represent over 50,000 health professionals and others who work to promote health, prevent disease and ensure conditions in which we all can be safe and healthy.*

### **National Association of Extension 4-H Agents (NAE4-HA) Conference**

*The National Association of Extension 4-H Agents (NAE4-HA) is an internationally recognized association of over 3,500 professional youth development educators. The NAE4-HA Conference is the premier venue for dissemination of innovation among 4-H Youth Development faculty nationwide. Between 900-1200 youth educators attend this conference annually. Abstracts for poster, seminar or research presentations are evaluated through a double-blind, national peer-refereed process. Acceptance rate for abstracts ranges from 40-50 percent.*

### **Galaxy Conference for Extension Professionals**

*The Galaxy Conference for Extension Professionals is held once every five years to bring together in a combined session, faculty from all the National Extension Associations. This conference is sponsored by the Joint Council of Extension Professionals (JCEP). Between 1200-1500 Extension educators attend this conference. Abstracts for poster, seminar, research presentations and round tables are evaluated through a double-blind, national peer-refereed process. Acceptance rate averages 20 percent*

### **4-H and FCH Staff Development Conferences**

*Opportunities to present seminars and poster sessions are included in the annual professional development conference for Extension 4-H and FCH faculty and staff. Separate conferences for 4-H and FCH faculty and staff were held until 2011. Abstracts for seminar and poster presentations are evaluated through a double-blind, peer-refereed process. Acceptance rate for abstracts ranges from 40-50 percent.*

### **Oregon State University Extension Conference**

*The Oregon State University Extension Association (OSUEA) and its affiliated professional organizations host poster and Search for Excellence presentations to feature outstanding*

*programming and research at each state Extension Conference. Abstracts for poster and Search for Excellence presentations are evaluated through a single-blind, state peer-refereed process. Acceptance rate for abstracts ranges from 40-50 percent*

### **National Extension Conference on Volunteerism**

*The National Extension Conference on Volunteerism is a meeting of Extension state specialists, staff and educators who identify and share recent research, best practices and contemporary thoughts regarding volunteerism across all extension program areas. Between 90-150 faculty attend this biannual conference. Abstracts for poster, seminar or research presentations are evaluated through a double-blind, national peer- refereed process.*

### **National Conference of Children, Youth and Families at Risk (CYFAR)**

*Children, Youth and Families at Risk (CYFAR) is a federally funded program to assure that critical needs of children and families are met. CYFAR supports comprehensive, intensive, community-based programs developed with active citizen participation in all phases. The annual conference showcases successful programming from across the United States. Between 800-1000 youth educators attend this conference yearly. Abstracts for poster or seminar presentations are evaluated through a single-blind, national peer-refereed process. Acceptance rate is 40 percent.*

### **National Extension Association of Family and Consumer Sciences (NEAFCS) Conference.**

*The National Extension Association of Family and Consumer Sciences (NEAFCS) is a nationally recognized association of Family and Consumer Sciences faculty. The organization's annual conference is a principal event for Extension Family and Consumer Sciences faculty to update their skills and knowledge regarding the issues facing families today. There are nearly 2800 members. Between 800-1000 members attend the annual conference. Abstracts for poster, seminar or research presentations are evaluated through a double-blind, national peer- refereed process. There was a 66% acceptance rate for proposals at the 2006 conference.*

### **International Conference on Volunteer Administration (ICVA).**

*The International Conference on Volunteer Administration (ICVA) is the premier international conference for professionals in the field of volunteer development and management. Held annually at locations both within and outside of the United States it draws professionals from countries around the world. Between 700-1000 professionals attend this conference yearly. Abstracts for seminar presentations are evaluated through a single-blind, national peer-refereed process.*

### **Epsilon Sigma Phi**

*Epsilon Sigma Phi (ESP) is the national association of over 3,200 Extension educators from all program areas. ESP is dedicated to fostering standards of excellence in the Extension System and developing the Extension profession and professional. The ESP Conference is the venue for dissemination of innovative programming among Extension faculty and faculty emeritus nationwide. Between 300-500 educators attend this conference annually. A double blind, national juried-refereed process evaluates abstracts for seminars, research presentations and posters. The acceptance rate for abstracts ranges from 30-50 percent.*

### **Camping**

*Camping is the official publication of the American Camp Association with a circulation of 7,500. It expands and updates the research and knowledge base for camp professionals and others in related fields. A two-tier peer-refereed process is used to select articles for inclusion in the publication. All submissions are reviewed by the editor prior to being selected for submission to, and review by the Editorial Advisory Committee.*

### **Journal of Extension**

*The Journal of Extension (JOE) is the official refereed journal of the U.S. Cooperative Extension System. JOE expands and updates the research and knowledge base for Extension professionals and other adult educators to improve their effectiveness. JOE is written, reviewed, and edited by Extension professionals, sharing with colleagues successful educational applications, original and applied research findings, scholarly opinions, educational resources, and challenges on issues of critical importance to Extension educators. JOE is an online journal with an average acceptance rate of 34% (2010).*

### **Journal of Youth Development – Bridging Research and Practice**

*The Journal of Youth Development is a refereed publication that seeks to enhance knowledge about matters of current interest to professionals in youth development. It will provide access to the latest youth development research, practices and information from the fields of psychology, youth development, family and consumer sciences, education, sociology, public health and nutrition, agricultural education and other disciplines. The Journal of Youth Development - Bridging Research and Practice, is an online resource for youth development researchers, practitioners and policymakers.*