

Zhian N. Kamvar

Resumé

245 S. 15th St.
Philomath, OR 97370
☎ (541) 286-0187
☎ (541) 738-4074

✉ kamvarz@science.oregonstate.edu

EDUCATION

- 2012–Present **Ph.D. Botany and Plant Pathology**, *Oregon State University (OSU)*, Corvallis, OR.
2007 **B.S. Biology**, *Truman State University (TSU)*, Kirksville, MO.

RESEARCH

- 2012–Present **Grünwald Lab**, *OSU*, (Dissertation Research).
Population genomics of the plant pathogen *Phytophthora syringae*;
Aug–Dec 2011 **Jaiswal Lab**, *OSU*, (Rotation).
Annotation of flowering pathway of *Arabidopsis*.
2006–2007 **Buckner and Janick-Buckner Labs**, *TSU*, (Undergraduate Research).
Annotation of maize shoot apical meristem expressed genes.

TEACHING

- 2014 **Population Genetics in R**, *Workshop*, OSU/APS.
2012 **Introductory Biology**, *Biology Dept.*, OSU.
2008–2011 **English Instructor**, *K–12*, Daegu, South Korea.
2006 & 2007 **Cell Biology TA**, *Biology Discipline*, TSU.

OUTREACH AND SERVICE

- 2012–Present **Radio Co-host**, *Inspiration Dissemination*, KBVR FM, OSU, Corvallis, OR.
Weekly show focused on communicating graduate student research.
2012–Present **Active Contributor**, *Bioinformatics Users Group*, OSU.
Contributed presentations and discussions relevant to use of bioinformatics tools.

LEADERSHIP

- 2012–2014 **Treasurer**, *Graduate Student Association*, Department of Botany and Plant Pathology, OSU.
2005 **Summer Station Manager**, KTRM FM, TSU, Kirksville, MO.

AWARDS

- 2014 OSU Botany and Plant Pathology Anita Summers Travel Award – \$1000
2014 Most Innovative [Radio] Program – Intercollegiate Broadcasting System
2013 Seattle Institute For Statistical Genetics Travel Award – \$450
2006 Truman State University Summer Research Stipend – \$3000
2003 Truman State University Presidential Leadership Scholarship – \$2000

PEER-REVIEWED PUBLICATIONS

1. **Kamvar ZN**, Tabima JF, Grünwald NJ. (2014) *Poppr*: an R package for genetic analysis of populations with clonal, partially clonal, and/or sexual reproduction. *PeerJ* 2: e281 <http://dx.doi.org/10.7717/peerj.281>
2. Buckner B, Beck J, Browning, K, Hoxha E, Grantham L, **Kamvar ZN**, Lough A, Nikolova O, and Schnable PS, Scanlon MJ, and Janick-Buckner D. (2007) Involving undergraduates in the annotation and analysis of global gene expression studies: creation of a maize shoot apical meristem expression database. *Genetics* 176: 741-747 <http://dx.doi.org/10.1534/genetics.106.066472>

PRESENTATIONS

Presented 6 presentations at societal meetings and departmental seminars.