ZAHI K. ATALLAH

PROFESSIONAL PROFILE

Accomplished scientist with over eight years of experience leading large and successful academic programs in two-year colleges with a focus on transfer and career preparation. Experienced in developing and launching new educational programs and curricula centered on articulation with transfer institutions, or to prepare a job-ready workforce. Skilled at program review, including analyses of program revitalization and discontinuance. Accomplished with outcome establishment and assessment at the course, program and college levels, in addition to their integration in program review and planning.

Builder of consensus and coalitions to foster unity in the pursuit and achievement of shared goals. Partner with faculty, scientists, and industry leaders to align educational programs with real-world opportunities. Versed in writing to accreditation standards and with collecting and documenting relevant evidence. Results-driven leader with strong skills in strategic planning, budget administration, and grant management complemented by refined talents in public speaking, rapport building, and relationship management.

Implemented flexible course delivery options including flipped classroom, polysynchronous and dual-credit modalities. Developed innovative computer science degree program to provide students with a BSc in Computer Science in only three years. Managed grant funding from federal, state, and private sources, ensuring appropriate resource allocation to deliver on programmatic goals while complying with grant stipulations.

PROFESSIONAL EXPERIENCE

BLACKHAWK TECHNICAL COLLEGE, Janesville, WI.

Vice President of Academic Affairs (September 2017 to Present)

Related Competencies: Senior Executive Management, Student Support, Policy and Procedure Development, Curriculum and Program Development, Learning Outcome Establishment and Assessment, Regional and Special Program Accreditation, Program Review, Strategic Planning, Budgeting, Workforce Development, Consensus Building, Conflict Resolution

Lead all Academic Affairs programs and activities, and supervise 3 deans, 3 directors, and ~100 full-time faculty and staff. Ensure integrity of curriculum and implement program review and outcome establishment and assessment. Integrate strategic planning in Academic Affairs with general college strategic priorities, and lead strategic priorities pertaining to education. Guide and engage in the development of academic policies and procedures. Facilitate open communication focused on identifying common ground and mutual benefit, with a focus on continuous process improvement. Oversee a budget of ~$30M including operational and capital funds, and monitor allocations and budget requests.

- Led academic affairs through successful regional accreditation reaffirmation by the Higher Learning Commission
- Oversaw the development of 9 new programs, and the discontinuance of one underperforming program
- Steered implementation of program reviews
- Established basic infrastructure for the establishment and systematic assessment of learning outcomes
- Advanced course scheduling to meet student demand
- Increased implementation of flexible delivery methods and polysynchronous teaching modalities to serve student work-life balance needs
- Led implementation of academic priorities within the college strategic plan
- Facilitated broad-based efforts to develop policies and procedures essential to the improved functioning of academic affairs
- Leading efforts to draft faculty evaluation procedures, and faculty onboarding guides (including videos and common master course packages)

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HARTNELL COLLEGE, Salinas, CA.

Dean of Advanced Technology and Applied Science (January 2011 to July 2017)

Related Competencies: Computer Science Programs, Academic Programs, Undergraduate Education, STEM, Curriculum Development, Program Deliverables, Grant Applications, Agricultural Research, Staff Management, Budget Management, Consensus Building, Oral Communication, Written Communication

Direct 11 academic and research programs with ~75 faculty and staff and 7,000 students, a $3M annual budget, and a 70,000-square foot facility on a 140-acre working farm. Lead recruiting, hiring, and evaluation of faculty and staff; ensure adherence to licensing and certification requirements. Solicit, obtain, and manage grant funding from state, federal, and private sources. Foster collaborative environment and facilitate open communication to drive consensus building and continuous improvement.

- Grew program to 7,000 students by offering classes six days per week, allowing non-traditional, returning, and currently-employed students to complete coursework.
- Partnered with California State University Monterey Bay (CSUMB) to develop unique educational programs to reach traditionally underserved students:
  - CSin3 three-year Computer Science BSc degree integrating agriculture-related technology applications and leveraging innovative teaching materials and methodologies. Program composed of 70% Hispanic students with ~50% females.
  - 2+2 degree in Agriculture Business and 2+2 degree in Agriculture Science.
  - Featured on CBC News (www.cbc.ca/news/world/salinas-computer-science-program-1.3779690) and PBS NewsHour (www.youtube.com/watch?v=YFDzd9tXUnQ&feature=youtu.be), among other news media.
  - Focused on increasing representation of Hispanics and women in the CS workforce (currently 3% and 6% respectively).
- Revitalized three programs and created new industry- and transfer-driven degrees.
- Streamlined recruitment processes and increased diversity of women and Hispanic staff and faculty.
- Introduced first undergraduate Food Safety Education Certificate Program. Developed course schedules around migration patterns to accommodate farm workers and incorporated annual summit attended by scientists, regulators, and industry.
- Provide strategic advising and guidance to top scientific researchers, agricultural and industrial businesses, universities, and other professionals and institutions on topics such as agriculture, integrated pest management, crop rotation, and sustainability.
- Identify new research avenues and opportunities through collaboration with federal, state, and private entities; prepare and submit grant applications and define program and research protocols and methodologies.
- Oversaw $7M+ in grants over four years, including $5M California Department of Finance Innovation in Higher Education Award, $750K National Science Foundation-ATE, $1.12M National Science Foundation-STEP grant, $250K USDA-NIFA grant, and several others.
- Evaluated, recommended, and implemented instructional and industrial equipment and technology to meet research and market demands with state-of-the-art tools and applications.

UNIVERSITY OF CALIFORNIA, Davis, CA.

Scientist, Department of Plant Pathology (January 2008 to January 2011)

Related Competencies: Scientific Research, Research Design, Research Protocols, Multidisciplinary Collaboration, Agriculture Industry Outreach, Industry Extension, Grant Applications, Funding Management, Team Management, Public Speaking, International Collaboration

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Collaborated with agricultural industry representatives to establish research direction for study of Verticillium wilt in lettuce focused on devising strategies and techniques to mitigate millions of dollars in annual losses by Salinas Valley producers. Created detailed research plans, defined SOPs and methodologies, and applied for and managed grant funding.

- Fostered international collaboration to analyze potential impacts of global seed trade on *Verticillium* spp. distribution.
- Managed outreach and extension to leafy green growers, processors, and seed companies.
- Identified imported seed and agricultural practices as key factor in crop disease outbreaks; compiled results and published in peer-reviewed journals.

UNIVERSITY OF WISCONSIN, Madison, WI.

Associate Researcher, Department of Plant Pathology (April 2003 to December 2007)

Related Competencies: Scientific Research, Research Design, Research Protocols, Multidisciplinary Collaboration, Agriculture, Industry Outreach, Industry Extension, Grant Applications, Funding Management

Established strategic partnership with potato industry leaders to develop research into postharvest disease prediction of potato crops in Wisconsin causing ~25% crop loss in storage. Developed research plans and obtained grant funding. Interfaced with potato growers and processors to initiate agricultural extension.

- Created novel methodology using molecular tools recognized and adopted industry-wide.
- Published findings identifying scientifically-sound methods for sampling and accurately predicting future of crops prior to harvest.

WASHINGTON STATE UNIVERSITY, Pullman, WA.

Research Assistant (January 2000 to March 2003)

Related Competencies: Pacific Northwest Potato Crops, S. sclerotiorum, Plant Pathology Research, Agriculture Industry Extension, Team Collaboration, Results Analysis

Key contributor to research and extension of potato stem rot due to *Sclerotinia sclerotiorum*, a leading cause of crop loss impacting the Pacific Northwest.

- Research yielded the first report of sexual recombination in the fungus and determined the optimal timing for fungicide applications to improve efficacy and reduce loss.

ADDITIONAL EXPERIENCE:

Teaching Assistant (January 2002 to June 2002) ▪ WASHINGTON STATE UNIVERSITY, Pullman, Washington.

Research Assistant (July 1997 to October 1999) ▪ AMERICAN UNIVERSITY OF BEIRUT, Beirut, Lebanon.

Assistant Pest Control Specialist (September 1992 to May 1997) ▪ LANDSCAPE, INC., Beirut, Lebanon.

EDUCATIONAL BACKGROUND

PhD in Plant Pathology (2003) ▪ WASHINGTON STATE UNIVERSITY – Pullman, Washington 99164

Master of Science in Plant Pathology (1999) ▪ AMERICAN UNIVERSITY OF BEIRUT – Beirut, Lebanon

Agricultural Engineering (1997) ▪ HOLY SPIRIT UNIVERSITY – Kaslik, Lebanon

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REFEREED JOURNAL ARTICLES

1. Puri, K. D., Gurung, S., Short, D. P. G., **Atallah, Z. K**., Sandoya, G., Davis, R. M., Hayes, R. J., and Subbarao, K. V. Short-term host selection pressure has little effect on the evolution of a monoclonal population of *Verticillium dahliae* Race 1. Phytopathology 2017 107:11, 1417-1425
2. Short, D. P., Gurung, S., Gladieux, P., Inderbitzin, P., **Atallah, Z. K**., Nigro, F., Li, G., Benlioglu, S., and Subbarao, K. V. 2015. Globally invading populations of the fungal plant pathogen *Verticillium dahliae* are dominated by multiple divergent lineages. Environmental Microbiology, 17: 2824–2840
3. Johnson, D. and **Atallah, Z. K**. 2014. Disease Cycle, Development and Management of Sclerotinia Stem Rot of Potato. American Journal of Plant Sciences. 5: 3717-3726
4. Short, D. P., Gurung, S., **Atallah, Z. K**., and Subbarao, K. V. 2014. Clonal expansion of *Verticillium dahliae* in lettuce. Phytopathology. Volume 104:641-649
5. Short, D. P., Gurung, S., Maruthachalam, K., **Atallah, Z. K**., and Subbarao, K. V. 2014. *Verticillium dahliae* race 2-specific PCR reveals a high frequency of race 2 strains in commercial spinach seed lots and delineates race structure. Phytopathology. 104:779-785
6. **Atallah, Z. K**., Maruthachalam, K., and Subbarao, K. V. 2012. Sources of *Verticillium dahliae* affecting lettuce. Phytopathology. 102:1071-1078
7. **Atallah, Z. K**., Maruthachalam, K., Vallad, G. E., Davis, R. M., Klosterman, S. J., and Subbarao, K. V. 2011. Analysis of *Verticillium dahliae* suggests a lack of correlation between genotypic diversity and virulence. Plant Disease. 95:1224-1232
8. Klosterman, S. J., Subbarao, K. V., Kang, S., Veronese, P., Gold, S. E., Thomma, B. P. H. J., Chen, Z., Henrissat, B., Lee, Y. H., Park, J., Garcia-Pedrajas, M. D., Barbara, D., Anchieta, A. G., de Jonge, R., Santhanam, P., Maruthachalam, K., **Atallah, Z. K**., Amyotte, S. G., Paz, Z., Inderbitzin, P., Hayes, R. J., Heiman, D. I., Young, S., Zeng, Q. Engels, R., Koehrsen, M., Galagan, J., Birren, B., Cuomo, C., Dobinson, K. F., and Ma, L. J. 2011. *Verticillium* comparative genomics yields insights into niche adaptation by plant vascular wilt pathogens. PLOS Pathogens. e1002137
9. **Atallah, Z. K**., Hayes, R. J., and Subbarao. K. V. 2011. Fifteen years of Verticillium wilt of lettuce in America's salad bowl: A tale of immigration, subjugation and abatement. Plant Disease. 95:784-792
10. Maruthachalam, K., **Atallah, Z. K**., Davis, R. M., Hayes, R. J., Klosterman, S. J., and Subbarao, K. V. 2010. Molecular Variation among Isolates of *Verticillium dahliae* and PCR-based Differentiation of Races. Phytopathology. 100:1222-1230
11. **Atallah, Z. K**., Maruthachalam, K., du Toit, L., Koike, S. T., Davis, R. M., Klosterman, S. J., Hayes, R. J., and Subbarao, K. V. 2010. Population analyses of the vascular plant pathogen *Verticillium dahliae* detect recombination and transcontinental gene flow. Fungal Genetics and Biology. 47:416-422
12. **Atallah, Z. K.**, Maruthachalam, K., Davis, R. M., Klosterman, S. J., Subbarao, K. V. 2009. Characterization of 22 highly polymorphic microsatellite loci in the cosmopolitan fungal plant pathogen *Verticillium dahliae*. Molecular Ecology Resources. 9:1460-1466
13. Hughes, T. J., Atallah, Z. K., and C.R. Grau. 2009. Real-time PCR assays for the quantification of *Phialophora gregata* f.sp. *sojae* IGS-Genotypes A and B. Phytopathology. 99:1008-1014
14. Klosterman*, S. J., **Atallah*, Z. K.**, Vallad, G. E., and Subbarao, S. V. 2009. Diversity, pathogenicity, and management of *Verticillium* species. Annual Review of Phytopathology. 47:39–62 (*Joint senior authors)
15. Bidartondo, MI* and 256 other authors. 2008. Preserving accuracy in GenBank. Science. 319:1616
16. Rosenzweig, N., **Atallah, Z. K.**, Olaya, G., and Stevenson, W. R. 2008. Evaluation of QoI Fungicide Application Strategies for Managing Fungicide Resistance and Potato Early Blight Epidemics in Wisconsin. Plant Disease. 93:561-568
17. Rosenzweig, N., Olaya, G., **Atallah, Z. K.**, Cleere, S., Stanger, C., and Stevenson, W. R. 2008. Monitoring and Tracking Changes in Sensitivity to Azoxystrobin Fungicide in *Alternaria solani* in Wisconsin. Plant Disease. 92:555-560

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18. Bernstein, E. R., **Atallah, Z. K.**, Koval, N. C., Hudelson, B. D., and Grau, C. R. 2007. First report of Sudden Death Syndrome of soybean in Wisconsin. Plant Disease. 91:1201
19. Bae*, J., **Atallah*, Z. K.**, Jansky, S. H., Rouse, D. I., and Stevenson, W. R. 2007. Spatio-temporal colonization by *Verticillium dahliae* of two potato cultivars with differing responses to potato early dying. Plant Disease. 91:1137-1141 (*Authors contributed equally)
20. **Atallah, Z. K.**, Bae, J. J., Jansky, S. H., Rouse, D. I., and Stevenson, W. R. 2007. Multiplex real-time quantitative PCR methodology to assist in the breeding of potato lines with resistance to Verticillium wilt. Phytopathology. 97:865-872
21. **Atallah, Z. K.**, and Stevenson, W. R. 2006. A methodology to detect and quantify five pathogens causing potato tuber decay using real-time PCR. Phytopathology 96:1037-1045
22. Johnson, D. A., and **Atallah, Z. K.** 2006. Timing Fungicide Applications for Managing Sclerotinia Stem Rot of Potato. Plant Disease 90:755-758
23. **Atallah, Z. K.**, and Johnson, D. A. 2004. Development of Sclerotinia stem rot in potato fields in south-central Washington. Plant Disease 88:419-423
24. **Atallah, Z. K.**, Larget, B., Chen, X., and Johnson. D. A. 2004. High genetic diversity, phenotypic uniformity and evidence of outcrossing in *Sclerotinia sclerotiorum* in the Columbia Basin of Washington State. Phytopathology 94:737-742
25. El-Hajj, Z., Kavanagh, K., Rose, C., and **Kanaan-Atallah, Z.** 2004. Nitrogen and carbon dynamics of a foliar biotrophic fungal parasite in fertilized Douglas-fir. The New Phytologist 163:139-147
26. **Kanaan-Atallah, Z.**, Abou-Jawdah, Y., and Saad, A. 2000. Virus diseases infecting almond germplasm in Lebanon. Phytopathologia Mediterranea 39:417-422

INDUSTRY JOURNALS

1. **Atallah, Z. K**., and Stevenson, W. R. 2008. Post-harvest details: an art remodeled into a science. 60(1): 14-16
2. Johnson, D. A., and **Kanaan-Atallah, Z.** 2004. New developments for managing Sclerotinia stem rot. Potato Grower. 33(3): 28-30

BOOK CHAPTERS

1. Termoshizen, A. J., **Atallah, Z. K**., and Subbarao, K. V. 2014. Quantification of soilborne pathogen populations. Stevenson, K. L., and Jeger, M. J. (*Eds*.). In: Exercises in Plant Disease Epidemiology. 2nd Edition. APS Press, St Paul, MN. P. 87-93
2. **Atallah, Z. K**., and Subbarao, K. V. 2012. Population biology of fungal plant pathogens. Bolton, M., and Thomma, B.P.H.J. (*Eds.*). In: Plant Fungal Pathogens: Methods and Protocols. Methods in Molecular Biology 835. Humana Press, New York, NY. p. 333-363
3. Stevenson, W. R., Kirk, W., and **Atallah, Z. K**. 2007. Management of foliar diseases – early blight, late blight and white mold. Johnson, D.A. (*Ed*.). In: Potato Health Management. APS Press, St Paul, MN. p. 209-222

SCIENTIFIC CONFERENCE PUBLICATIONS/PRESENTATIONS

1. Short, D. P., Gurung, S., Maruthachalam, K., Inderbitzin, P., **Atallah, Z. K**., Nigro, F., S. Benlioglu, S., and K. V. Subbarao. 2012. Genetic diversity and population biology of a global collection of phytopathogenic *Verticillium dahliae*. Phytopathology 102:S4.109
2. **Atallah, Z. K.**, Maruthachalam, K., Radmer, L. E., Martin, F. N, Klosterman, S. J., and K. V. Subbarao. 2011. Analyses of nuclear and mitochondrial sequences reveal an ancient split in the evolutionary history of *Verticillium dahliae*. Phytopathology 101:S10

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3. **Atallah, Z. K.**, Maruthachalam, K., and Subbarao, K.V. 2010. Spinach seed a source of *Verticillium dahliae* in lettuce in coastal California. Phytopathology 100:S8
4. Klosterman et al. 2010. Comparative genomics of the plant vascular wilt pathogens, *Verticillium dahliae* and *Verticllium albo-atrum*. Phytopathology 100:S64
5. Chitrampalam, P., **Atallah, Z. K.**, Wu, B., and Subbarao, K. V. 2010. Structure of *Sclerotinia sclerotiorum* within and among lettuce fields in California. Phytopathology 100:S24
6. Maruthachalam, K., **Atallah, Z. K.**, and Subbarao, K.V. 2010. Variation in the number of sub-repeat sequence in the IGS region identifies isolates of *Verticillium dahliae* from crucifer hosts. Phytopathology 100:S79
7. **Atallah, Z. K.**, Maruthachalam, K., Hayes, R. J., Klosterman, S. J., du Toit, L., Davis, R. M., and Subbarao, K. V. 2009. Global gene flow of *Verticillium dahliae* affecting lettuce in California. Phytopathology 99:S5
8. Maruthachalam, K., Klosterman, S. J., **Atallah, Z. K.**, Davis, R. M., and Subbarao, K. V. 2009. Analysis of molecular variability and PCR amplification of race 1-specific fragment in *Verticillium dahliae* isolates. Phytopathology 99:S81
9. Gibbs, A. J., **Atallah, Z. K.**, Hudelson, B. D., and Rouse, D. I. 2009. Distribution of *Aphanomyces euteiches* race 1 and race 2 affecting alfalfa in Wisconsin and southeast Minnesota soils. Phytopathology 99:S43
10. **Atallah, Z. K.**, Maruthachalam, K., Hayes, R. J., Klosterman, S. J., and Subbarao, K. V. 2008. Population biology of *Verticillium dahliae* isolates from lettuce in the Salinas Valley of California. Phytopathology 98: S14
11. Maruthachalam, K., Vallad, G. E., **Atallah, Z. K.**, Klosterman, S. J., Davis, M. R., and Subbarao, K. V. 2008. Analysis of molecular variability among the isolates of *Verticillium dahliae* from diverse host species based on fluorescence-based amplified fragment length polymorphism. Phytopathology 98: S78
12. **Atallah, Z. K**., Clayton, M. K., and Stevenson, W. R. 2007. Spatial distribution in potato fields of five pathogens causing potato tuber decay in storage. APS annual meeting. San Diego, CA. Phytopathology 97: S5
13. Giammaria, S. L., **Atallah, Z. K**., Stevenson, W. R., and Rupe, J. C. 2007. Multiple gene genealogies and pathogenicity of five *Fusarium* spp. in the *F. solani* complex associated with soybean sudden death syndrome. Phytopathology 97: S40
13. **Atallah, Z. K**., Bae, J., Jansky, S. H., Rouse, D. I., and Stevenson, W. R. 2007. Colonization dynamics and spatial progression of *Verticillium dahliae* in individual stems of two potato cultivars with differing responses to potato early dying. Phytopathology 97:S4
14. **Atallah, Z. K**., Giammaria, S. L., Stevenson, W. R., and Rupe, J. C. 2007. Soybean sudden death syndrome (SDS): multi-gene genealogies and pathogenicity of five *Fusarium* spp. associated with the disease and multiplex real-time PCR identification, detection and quantification of the causal agents. APS-North Central Division meeting. West Lafayette, IN.
15. **Atallah, Z. K**., and Stevenson, W. R. 2007. How tuber pathogens are distributed in a potato field. Proceedings of Wisconsin Annual Potato Meeting
16. **Atallah, Z. K**., Miller, J. S., and Stevenson, W. R. 2007. Impact of rotational crops and weeds on pink rot in potato. Proceedings of Wisconsin Annual Potato Meeting
17. Giammaria, S. L., **Atallah, Z. K**., Stevenson, W. R., and Rupe, J. C. 2006. Sequence analysis and pathogenic characterization of *Fusarium* spp. associated with sudden death syndrome of soybean. Proceedings of the 2006 ASA-CSSA-SSSA International Annual Meetings. Indianapolis, IN.
18. Hughes, T. J., **Atallah**, **Z. K.**, and Grau, C. R. 2006. Molecular quantification of *Phialophora gregata* genotypes A and B in plant and soil samples. Phytopathology 97:S162
19. **Atallah, Z. K.**, and Stevenson, W. R. 2006. Detecting and quantifying pathogens causing potato tuber decay using real-time quantitative PCR, to predict storage potential. Phytopathology 96: S58
20. **Atallah, Z. K**. 2006. How much is too much? Determining pathogen loads on tubers going into storage. Proceedings of Wisconsin Annual Potato Meeting
21. **Atallah, Z. K**. 2006. Timing Fungicide Applications for the Management of White Mold in Potato. Proceedings of Wisconsin Annual Potato Meeting

continued…

22. **Atallah, Z. K.**, and Stevenson, W. R. 2005. Quantitative-PCR methodology to detect and quantify population levels of seven major potato tuber pathogens to minimize storage losses. Phytopathology 95:S51
23. **Atallah, Z. K.** 2005. Assessing the pathogen population levels on potato tubers at harvest. Proceedings of Wisconsin Annual Potato Meeting
24. **Atallah, Z. K.**, and Johnson, D. A. 2004. Epidemiology and management of Sclerotinia stem rot on potato in the Columbia Basin of Washington. Proceedings of Wisconsin Annual Potato Meeting
25. **Atallah, Z. K.**, and Johnson, D. A. 2003. Genetic variability, phenotypic uniformity and outcrossing of *Sclerotinia sclerotiorum* in the Columbia Basin of Washington. Phytopathology 93:S42
26. **Atallah, Z. K.**, and Johnson, D. A. 2003. Development of Sclerotinia stem rot in potato fields in south-central Washington. Phytopathology 93:S43
27. Johnson, D. A., and **Kanaan-Atallah, Z.** 2002. Epidemiology and management of Sclerotinia stem rot. Proceedings of the 2002 Idaho Potato Conference
28. **Kanaan-Atallah, Z.**, and Johnson, D. A. 2002. Epidemiology and management of white mold in the Columbia Basin. Proceedings of the 41st Washington State Potato Conference
29. **Kanaan-Atallah, Z**., and Johnson, D. A. 2002. Assessment with microsatellite markers of diversity of *Sclerotinia sclerotiorum* from potato fields in the Columbia Basin of Washington. Phytopathology 92:S41
30. **Kanaan-Atallah, Z.**, and Johnson, D. A. 2001. Phenotypic variability of *Sclerotinia sclerotiorum* isolates in potato fields in the Columbia Basin of Washington. Phytopathology 91:S46
31. Kawar, N. S., **Atallah, Z.**, Dagher, S. M. 1998. Toxicity of dieldrin to rainbow trout, and its uptake by various tissues. 216th American Chemical Society national meeting, Boston, MA

PROFESSIONAL ASSOCIATIONS / COMMITTEE MEMBERSHIPS

Plant Disease – Associate Editor (2011 to Present)

APS Soil Microbiology and Root Disease Committee – Member (2008 to Present)

American Association for the Advancement of Science – Member (2003 to Present)

Mycological Society of America – Member (1999 to Present)

Lebanese Order of Engineers – Member (1997 to Present)

American Phytopathological Society (APS) – Member (1997 to Present)

APS Early Career Professionals Committee – Vice Chair (2007 to 2008)

APS Graduate Students | APS Graduate Students Travel Awards – Member (2001 to 2005)

APS Industry | APS Biotechnology | APS Early Career Professionals – Member (2002 to 2003)

APS Foundation Board – Member (2002 to 2003)

GRANTS MANAGED

California Community College Strong Workforce Program ($1.25M) – 2016

National Science Foundation – Advanced Technological Education ($750K) – 2016

Driscoll's Foundation ($450K) – 2015

California Community College Career Technical Education Enhancement Fund ($258K) – 2015

Lumina Foundation ($200K) – 2015

California Department of Finance Innovation in Higher Education Award ($5M) – 2015

Harden Foundation ($300K) – 2014

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National Science Foundation-STEP ($1.12M) – 2013

USDA-NIFA ($250K) – 2012

Career Technical Education Community Collaborative Grant – 2012

Carl D. Perkins Career and Technical Education Improvement Act IV-VTEA ($232K) – 2012

CA Employment Development Dept. Youth Career Technical Education ($500K) – 2011

Career Technical Education Community Collaborative Grant – 2011

Carl D. Perkins Career and Technical Education Improvement Act IV-VTEA ($254K) – 2011

USDA-NIFA Specialty Crop Research Initiative (Co-Project Director) – 2010
Recurrent Migrations of Verticillium dahliae*: A stealthy and pervasive threat to California and US specialty crops ($1.55M for four years)*

Wisconsin Potato and Vegetable Growers Association (WPVGA) – 2007
What potato crops store ($10K)

WPVGA – 2006
How to sample from a potato field ($10K)

USDA-ARS Potato Research Program – 2006
Understanding the impact of genotypic variability in Phytophthora erythroseptica *(pink rot) on the evolution of resistance to the fungicide mefenoxam ($82,000)*

WPVGA – 2005
Study of the genotypic and phenotypic variability of Phytophthora erythroseptica *(pink rot) in potato ($10,000)*

USDA-CSREES-North Central IPM – 2005
Resistance to mefenoxam in Phytophthora erythroseptica *and identification of alternative inoculum sources in potato production areas ($95,000)*

USDA-ARS Potato Research Program – 2005
Establishment of a methodology for sampling of potato tubers for quantification of major storage pathogens using real-time PCR ($78,000)

WPVGA – 2005
Development of a sampling methodology to quantify population levels of potato tuber pathogens intended for storage prior to harvest using real-time PCR ($12,000)

University of Wisconsin-Graduate School – 2005
Developing an integrated approach for improved management of potato tuber decay in storage that utilizes the efficacy of biopesticides in combination with knowledge of population dynamics of the soft rot and dry rot pathogens of potato ($35,000)

USDA-ARS Potato Research Program – 2003
Developing improved diagnostic tools for key pathogens affecting the quality and storability of potato tubers ($38,000)

WPVGA – 2003
Detection and quantification of late blight, pink rot and leak agents, using real-time PCR, as a tool to determine destiny of potato crops at harvest ($12,000)

ADDITIONAL LANGUAGES

French: Spoken (native), Written (native), Read (native)
Arabic: Spoken (native), Written (native), Read (native)

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ADDITIONAL INFORMATION

Awards

2nd Place, Poster Competition at ASA-CSSA-SSSA International Annual Meeting (2006)
2nd Place, Poster Competition at APS North Central Division Annual Meeting (2006)
APS Foundation Special Travel Award (2006)
J. De Weerd Memorial Fellowship for Excellence in Potato Research, WSU (2002)
De Bary Bowl Winner (2001)
WSU Graduate and Professional Students Association Registration Grant Award (2001)