

## CURRICULUM VITAE

### NAME

Amy Charkowski

### ADDRESS

Bioagricultural Sciences and Pest Management  
College of Agricultural Sciences

Plant Sciences  
307 University Ave.

### PHONE

(970) 491-8586

### EDUCATION

1998 Ph D, Cornell University

1993 BS, University of Wisconsin-Madison

### ACADEMIC POSITIONS

October 1, 2016 - Present Professor and Department Head, Plant Pathology, Colorado State University, Fort Collins, Colorado, United States.

July 1, 2013 - September 30, 2016 Professor, Plant Pathology, University of Wisconsin-Madison, Madison, WI, United States.

July 1, 2008 - June 30, 2013 Associate Professor, Plant Pathology, University of Wisconsin-Madison, Madison, Wisconsin, United States.

July 1, 2001 - June 30, 2008 Assistant Professor, Plant Pathology, University of Wisconsin-Madison, Madison, Wisconsin, United States.

2017-2018 - Professor & Head, Dept of Bioagricultural Sciences & Pest Management (College of Agricultural Sciences)

2016-2017 - Professor & Head, Dept of Bioa (College of Agricultural Sciences)

### OTHER POSITIONS

August 15, 1998 - May 31, 2001 Microbiologist / Scientist, Microbiological Food Safety, USDA-ARS, Albany, CA, United States.

### PUBLISHED WORKS

#### **Refereed Journal Articles**

Sundin, G. W., Wang, N., Charkowski, A. O., Castiblanco, L. F., Jia, H., Zhao, Y. (2016). Perspectives on the transition from bacterial phytopathogen genomics studies to applications enhancing disease management: from promise to practice. *Phytopathology*, 106, 1071-1082., Peer Reviewed/Refereed

Jansky, S. H., Charkowski, A. O., Douches, D. S., Gusmini, G., Richael, C., Bethke, P. C., Spooner, D. M., Novy, R. G., De Jong, H., De Jong, W. S. S., Bamburg, J. B., Thompson, A. L., Bizimungu, B., Holm, D. G., Brown, C. R., Haynes, K. G., Sathuvalli, V. R., Veilleux, R. E., Miller, J. C., Bradeen, J. M., Jiang, J. (2016). Reinventing potato as a diploid inbred line-based crop. *Crop Science*, 56, 1412-1422., Peer Reviewed/Refereed

Wang, Y., Charkowski, A. O., Zeng, C., Zhu, T., Wang, H., Chen, H. (2016). Phylogenetic and morphological identification of the novel pathogen of *Rheum palmatum* leaf spot in Gansu, China. *Mycobiology*. 2016 Jun;44(2):93-98., 44(2), 93-98. <https://doi.org/10.5941/MYCO.2016.44.2.93>, Peer Reviewed/Refereed

Thomas-Sharma, S., Abdurahman, A., Ali, S., Andrade-Piedra, J. L., Bao, S., Charkowski, A. O., Crook, D., Kadian, M., Kromann, P., Struik, P. C., Torrence, L., Garrett, K. A., Forbes, G. A. (2015). Seed degeneration in potato: the need for an integrated seed health strategy to mitigate the problem in developing countries. *Plant Pathology*, 65(1), 3-16. [onlinelibrary.wiley.com/doi/10.1111/ppa.12439/epdf](http://onlinelibrary.wiley.com/doi/10.1111/ppa.12439/epdf), Peer Reviewed/Refereed

Charkowski, A. O. (2015). Biology and Control of *Pectobacterium* in Potato. *American Journal of Potato Research*, 92, 223-229., Peer Reviewed/Refereed

Fulladolsa, A. C., Navarro, F. M., Kota, R., Severson, K., Palta, J. P., Charkowski, A. O. (2015). Application of marker assisted selection for Potato Virus Y resistance in the University of Wisconsin potato breeding program. *American Journal of Potato Research*, 92(3), 444-450., Peer Reviewed/Refereed

Weber, B. N., Witherell, R. A., Charkowski, A. O. (2015). Low-cost potato tissue culture with microwave and bleach media preparation and sterilization. *American Journal of Potato Research*, 92(1), 128-137., Peer Reviewed/Refereed

### Non-Refereed Chapters in Books

Charkowski, A. O. (2016). Rasputin effect: When commensals and symbionts become parasitic. *Opportunistic Pathogens of Terrestrial Plants* (vol. 3, pp. 147-168): Advances in Environmental Microbiology, Springer., Not Peer Reviewed/Refereed

### OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

(June 2016 - February 2017). Short Course, "Lead21," Associations of Public and Land-Grant Universities, United States. Approximate Number of Hours Spent Per Year: 130.

### TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2017	Fall	BSPM794 - Independent Study	2	1
2017	Fall	BSPM698 - Research	77	14
2017	Fall	BSPM502B - Topics in Plant Pathology: Plant Bacteriology	1	7
2017	Spring	BSPM799 - Dissertation	13	5

### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Entomological Society of America. (January 8, 2017 - Present).

Potato Association of America. (April 2001 - Present).

American Association for the Advancement of Science. (1998 - Present).

American Society for Microbiology. (1998 - Present).

American Phytopathological Society. (1993 - Present).

Spudman.

Spudman.

Potato Grower.

<https://potatonewstoday.com/>.

Capital Press.

<http://www.agannex.com/>.

Farm Progress.

Program Organizer, American Phytopathological Society. (2013 - 2019).

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