

# CURRICULUM VITAE

## **Vivian M. Bernau**

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### ***Education:***

- B.S. Agronomy, Iowa State University, 2008-2012
- B.S. Horticulture, Iowa State University, 2008-2012
- M.S. Horticulture and Crop Science, The Ohio State University, 2014-*present*  
Advisors: Kristin Mercer and Leah McHale

### ***Positions:***

- The Ohio State University, Columbus, Ohio  
Graduate Research Associate (August 2014 to Present)
- International Center for Tropical Agriculture (CIAT), Cali, Colombia  
Visiting Researcher (February 2013 to December 2013)
- USDA-ARS North Central Regional Plant Introduction Station, Ames, Iowa  
Biological Sciences Aid (GS-3) (January 2014 to August 2014)  
Biological Sciences Technician (GS-5) (May 2012 to February 2013)  
Student Biological Sciences Aid (GS-2) (August 2010 to May 2012)

### ***Awards:***

- 2015 SEEDS Graduate Research Grant Recipient, Ohio Agricultural Research and Development Center (\$8,000)
- 2014 International Graduate Research Associateship, Ohio Agricultural Research and Development Center (\$20,000)
- 2012 First Prize, International Association of Students in Agriculture and Related Sciences (IAAS)-USA National Summit Poster Competition (\$100)
- 2011 First Prize, IAAS-USA National Summit Poster Competition (\$100)
- 2011 Finalist for the 2011 American Star in Agriscience Award, National FFA Organization (\$2,000)
- 2011 American Degree Recipient, National FFA Organization
- 2008-2012 Academic Fellowship, Department of Agronomy, Iowa State University (\$3,000/semester)

## **Publications:**

- Castañeda-Álvarez, N. P., Khoury, C.K., Achicanoy, H.A., Bernau, V., Dempewolf, H., Eastwood, R.J., Guarino, L., Harker, R.H., Jarvis, A., Naxted, N., Müller, J.V., Ramírez-Villegas, J.A., Sosa, C.C., Struik, P.C., Vincent, H., and J. Toll. Global Conservation Priorities for Crop Wild Relatives. *In preparation*.
- Castañeda-Álvarez, N.P., de Haan, S., Juárez, H., Khoury, C.K., Achicanoy, H.A., Sosa, C.C., Bernau, V., Salas, A., Heider, B., Simon, R., Maxted, N., and D.M. Spooner (2015). Ex Situ Conservation Priorities for the Wild Relatives of Potato (*Solanum L. Section Petota*). PLoS ONE 10, e0122599.
- Khoury, C.K., Heider, B., Castañeda-Álvarez, N.P., Achicanoy, H.A., Sosa, C.C., Miller, R.E., Scotland, R.W., Wood, J.R.I., Rossel, G., Eserman, L.A., Jarret, R.L., Yench, G.C., Bernau, V., Juarez, H., Sotelo S., de Haan, S., and P.C. Struik. (2015a). Distributions, ex situ conservation priorities, and genetic resource potential of crop wild relatives of sweetpotato [*Ipomoea batatas (L.) Lam., I. series Batatas*]. *Front. Plant Sci.* 6, 251.
- Khoury, C.K., Castañeda-Alvarez, N.P., Achicanoy, H.A., Sosa, C.C., Bernau, V., Kassa, M.T., Norton, S.L., van der Maesen, L.J.G., Upadhyaya, H.D., Ramírez-Villegas, J., Jarvis, A., and P.C. Struik. (2015b). Crop wild relatives of pigeonpea [*Cajanus cajan (L.) Millsp.*]: Distributions, ex situ conservation status, and potential genetic resources for abiotic stress tolerance. *Biol. Conserv.* 184, 259–270.

## **Presentations:**

- Bernau, V. 2015. Exploring climate adaptations in chile peppers (*Capsicum spp.*) of Southern Mexico. Department of Horticulture and Crop Science Colloquium, The Ohio State University. Columbus, OH. March 2015.
- Bernau, V., Castaneda, N.P., Khoury, C.K., Sosa, C.C., Vincent, H., Jarvis, A., Struik, P.C., and N. Maxted. A Global perspective on crop wild relatives: distributions and conservation ex situ. North Central Regional Plant Introduction Station, USDA-ARS. Ames, IA. March 2014.
- Bernau, V., Castaneda, N.P., Khoury, C.K., Sosa, C.C., Vincent, H., Jarvis, A., Struik, P.C., and N. Maxted. A Global perspective on crop wild relatives: distributions and conservation ex situ. International Agriculture Club, College of Agriculture and Life Sciences, Iowa State University. Ames, IA. March 2014.
- Bernau, V., Castaneda, N.P., Khoury, C.K., Sosa, C.C., Vincent, H., Jarvis, A., Struik, P.C., and N. Maxted. A Global perspective on crop wild relatives: distributions and conservation ex situ. Sustainable Agriculture Program Convivium, Department of Agronomy, Iowa State University. Ames, IA. January 2014.
- Khoury, C.K., Greene, S., Wiersema, J., Sosa, C.C., Bernau, V., Castaneda, N.P., Stritch, L., Schultz, J., Jarvis, A., and P.C. Struik. distributions and conservation concerns for crop wild relatives in the United States. Crop Science Society of America Annual Meeting. Tampa, FL. November 2013.
- Castaneda, N.P., Khoury, C.K., Sosa, C.C., Bernau, V., Vincent, H., Jarvis, A., Struik, P.C., and N. Maxted. A Global perspective on crop wild relatives: distributions and conservation ex situ. Crop Science Society of America Annual Meeting. Tampa, FL. November 2013.
- Bernau, V., Ayala-Diaz, I., Marek, L., and C. Gardner. Oil development and germination in pennycress. IAAS-USA National Summit Poster Competition. Knoxville, TN. February 2012.
- Bird, S., Bernau, V., Flemmig, E., and E. Zimmerman. The Mediterranean diet in Italy: the role of leafy green vegetables. IAAS-USA National Summit Poster Competition. Athens, GA. February 2011.
- Bird, S., Bernau, V., Flemmig, E., and E. Zimmerman. The Mediterranean diet in Italy: the role of leafy green vegetables. Norman Borlaug Poster Competition. Ames, IA. October 2010.