

**Mr. Brett A. Kreifels**  
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## Education

Master of Applied Science, University of Nebraska-Lincoln, 2013.  
Major: Livestock and Poultry Nutrition  
Supporting Areas of Emphasis: Entomology

BS, University of Nebraska-Lincoln, 2010.  
Major: Animal Science

## Professional Memberships

Leadership Sarpy. (July 2022 - Present).

National Association of Extension 4-H Youth Development Professionals. (October 2021 - Present).

Nebraska Cooperative Extension Association. (October 2021 - Present).

National Association of Extension 4-H Agents. (November 2017 - Present).

Board Member, Nebraska Dept of Agriculture-Nebraska Poultry Industries. (February 2015 - Present).

Omaha Agribusiness Club. (October 1, 2019 - 2020).

Vice President, Nebraska Cooperative Extension Assoc. (November 2017 - 2018).

## Awards and Honors

Beyond Youth Leadership Award, National Assoc. of Extension 4-H Youth Development Professionals. (2022).

Vice President, Nebraska Cooperative Extension Assoc. (November 29, 2018).

## TEACHING

### Awards and Honors

Excellence in Urban Programming Award, National Assoc. of 4-H Youth Development Professionals. (2022).

## RESEARCH

### Published Intellectual Contributions

#### Other

Kreifels, B. (2020). *Embryology 101*. Lincoln, NE: Nebraska Extension.

Kreifels, B., Benes, A., Dobesh, A., Kennedy, K., Sessions, T., Wickham, T. (2020). *4-H Smart Cents*.  
[https://web.cvent.com/event/88fb51e8-094b-4597-acad-c23197227a77/summary?locale=en-US&tm=-MvnJ8q88d\\_ox71KgcdJILRsNPwKpbkr5ph6yKmi0dY](https://web.cvent.com/event/88fb51e8-094b-4597-acad-c23197227a77/summary?locale=en-US&tm=-MvnJ8q88d_ox71KgcdJILRsNPwKpbkr5ph6yKmi0dY)

Kreifels, B. (2019). *4-H Snow Day STEM*.

Kreifels, B. (2019). (1st ed., vol. 21, pp. Page 23). Omaha, NE: Country Lanes Magazine.  
<http://www.countrylanesmagazine.com/online.html>

Kreifels, B. (2019). *Douglas-Sarpy 4-H STEM Program*.

Kreifels, B. (2018). *It may be cold outside but your chickens don't have to be.*  
<https://acreagenebraska.org/2018/12/15/it-may-be-cold-outside-but-your-chickens-dont-have-to-be/>

## **Presentations Published in Proceedings**

Kreifels, B. A. (Presenter & Author), eXtension Backyard Poultry Presentation Series, "External Poultry Parasites," University of Kentucky, Virtual. (June 6, 2022).

Kreifels, B. (Presenter & Author), Dobesh, A. (Presenter & Author), Wickham, T. (Discussant), Benes, A. (Discussant), Kennedy, K. (Discussant), Sessions, T. (Discussant), Get Connected After School Conference, "4-H Smart Cents Financial Literacy," Nebraska Afterschool Conference, Virtual (Omaha, NE). (August 18, 2021).

Kreifels, B. (Presenter Only), eXtension Small & Backyard Flock Webinar Series, "Raising Coturnix Quail for Egg Production," University of Kentucky, Virtual. (April 6, 2021).

Kreifels, B. (Presenter & Author), Krehbiel, M. (Presenter & Author), Wickham, T. (Presenter & Author), Benes, A. (Presenter & Author), National 4-H Summit on Healthy Living, "Taking Care of Health & Wealth," National 4-H Council, Virtual. (February 13, 2021).

Kreifels, B. (Presenter Only), "Backyard Poultry Production Considerations," USDA, Radio. (July 14, 2020).

Kreifels, B. A. (Presenter Only), Living Beyond the Pandemic, "Living Beyond a Pandemic-Backyard Poultry Production," University of Nevada-Reno Extension, Virtual. (May 12, 2020).

Kreifels, B., Backyard Poultry Training, "City Chickens 101," Omaha Lawn, Flower & Patio Show, CHI Health Center, Omaha. (February 9, 2019).

Kreifels, B. (Presenter & Author), Growing Gifted Learners, "Learning by Doing: Partner with UNL Through 4-H Programming," Nebraska Association for the Gifted, Omaha, NE. (January 24, 2019).

## **Presentations Given**

Kreifels, B. (Presenter Only), Omaha Optimist Club meeting, "Douglas-Sarpy 4-H and the Impact it has on our area's youth.," Omaha Optimist Club, Omaha, NE. (June 25, 2022).

Kreifels, B. A. (Presenter & Author), eXtension Backyard Poultry Presentation Series, "External Poultry Parasites," University of Kentucky, Virtual. (June 6, 2022).

Kreifels, B. (Presenter Only), "Nebraska Poultry Industry," Nebraska FFA, Southeast Community College. (November 22, 2021).

Kreifels, B. (Presenter & Author), Dobesh, A. (Presenter & Author), Wickham, T. (Discussant), Benes, A. (Discussant), Kennedy, K. (Discussant), Sessions, T. (Discussant), Get Connected After School Conference, "4-H Smart Cents Financial Literacy," Nebraska Afterschool Conference, Virtual (Omaha, NE). (August 18, 2021).

Kreifels, B., Nebraska Agriculture Youth Institute, "Path to a Career in Agriculture Education," Nebraska Dept. of Agriculture, Lincoln, NE. (July 15, 2021).

Kreifels, B. (Presenter Only), Otoe County 4-H Summer workshop series, "Poultry & Rabbit Showmanship," Otoe County 4-H, Syracuse, NE. (June 3, 2021).

Kreifels, B. (Presenter Only), eXtension Small & Backyard Flock Webinar Series, "Raising Coturnix Quail for Egg Production," University of Kentucky, Virtual. (April 6, 2021).

Kreifels, B. (Presenter Only), "Raising Chicks," Barnyard & Backyard, Waterloo, NE. (March 31, 2021).

Kreifels, B. (Presenter Only), Animal Production Class, "Turkey Production," Southern University and A&M College, Baton Rouge, LA. (March 22, 2021).

Kreifels, B. (Presenter & Author), Krehbiel, M. (Presenter & Author), Wickham, T. (Presenter & Author), Benes, A. (Presenter & Author), National 4-H Summit on Healthy Living, "Taking Care of Health & Wealth," National 4-H Council, Virtual. (February 13, 2021).

Kreifels, B. (Presenter Only), "Backyard Poultry Production Considerations," USDA, Radio. (July 14, 2020).

Kreifels, B. A. (Presenter Only), Living Beyond the Pandemic, "Living Beyond a Pandemic-Backyard Poultry Production," University of Nevada-Reno Extension, Virtual. (May 12, 2020).

Kreifels, B., Backyard Poultry Training, "City Chickens 101," Omaha Lawn, Flower & Patio Show, CHI Health Center, Omaha. (February 9, 2019).

Kreifels, B. (Presenter & Author), Growing Gifted Learners, "Learning by Doing: Partner with UNL Through 4-H Programming," Nebraska Association for the Gifted, Omaha, NE. (January 24, 2019).

Kreifels, B., Backyard Poultry Training, "City Chickens 101," Cass County Extension, Cass County Extension. (April 30, 2018).

## **Contracts, Grants and Sponsored Research**

### **Contract**

Kreifels, B. (Principal Investigator), Walker, M. (Investigator), "Healthy Living 4H Curriculum Omaha-Metro," Sponsored by National 4-H Council, Associations/Foundations.

Kreifels, B. (Principal Investigator), "Urban Embryology Program OPS2021-22 EZ9," Sponsored by Ne Dept Agriculture-Poultry/Egg, State Agencies, \$5,000.00. (July 1, 2021 - June 30, 2022).

Kreifels, B. (Principal Investigator), "4-H Smart Cents-TDAmeritrade/4-H Cnl EZ9," Sponsored by National 4-H Council, Associations/Foundations, \$30,000.00. (January 1, 2021 - December 31, 2021).

Kreifels, B. (Principal Investigator), Kreifels, B. (Investigator), "4-H Smart Cents-TDAmeritrade/4-H Cnl EZ9," Sponsored by National 4-H Council, Associations/Foundations, \$30,000.00. (January 1, 2021 - December 31, 2021).

Kreifels, B. (Principal Investigator), Sessions, T. (Investigator), "Urban Embryology Program," Sponsored by Ne Dept Agriculture-Poultry/Egg, State Agencies, \$7,000.00. (July 1, 2020 - July 31, 2021).

Kreifels, B. (Principal Investigator), Sessions, T. (Investigator), "Urban Embryology Program," Sponsored by Ne Dept Agriculture-Poultry/Egg, State Agencies, \$7,000.00. (July 1, 2020 - July 31, 2021).

Kreifels, B. (Co-Principal Investigator), Thorson, S. (Principal Investigator), "Healthy Living 4H Curriculum Omaha-Metro," Sponsored by National 4-H Council, Associations/Foundations, \$61,410.00. (March 1, 2020 - July 31, 2021).

Kreifels, B. (Principal Investigator), "Healthy Living 4H Curriculum Omaha-Metro," Sponsored by National 4-H Council, Associations/Foundations, \$61,410.00. (March 1, 2020 - July 31, 2021).

Kreifels, B. (Principal Investigator), Kreifels, B. (Investigator), "Urban Embryology Program OPS2021-22 EZ9," Sponsored by Ne Dept Agriculture-Poultry/Egg, State Agencies.

Kreifels, B. (Principal Investigator), "My Financial Futures and the ESI Series," Sponsored by National 4-H Council, Associations/Foundations, \$28,000.00. (February 1, 2020 - December 31, 2020).

Kreifels, B. (Principal Investigator), "My Financial Futures and the ESI Series," Sponsored by National 4-H Council, Associations/Foundations, \$28,000.00. (February 1, 2020 - December 31, 2020).

Kreifels, B. (Principal Investigator), "Douglas Sarpy 4-H STEM Program," Sponsored by National 4-H Council, Associations/Foundations, \$25,000.00. (February 13, 2019 - November 30, 2020).

Thorson, S. (Principal Investigator), Thorson, S. (Investigator), Kreifels, B. (Investigator), Kreifels, B. (Investigator), "NMP11 4-H Health Rocks Mentoring Program," Sponsored by National 4-H Council, Associations/Foundations, \$0.00.

Kreifels, B. (Principal Investigator), Walker, M. (Investigator), "Healthy Living 4H Curriculum Omaha-Metro," Sponsored by National 4-H Council, Associations/Foundations.

## **Grant**

Kreifels, B. (Principal Investigator), "Growing a CS Pathway and a love for computer science with youth in Omaha, NE," Sponsored by National 4-H Council and Google, Industry, \$25,000.00. (March 1, 2019 - August 30, 2020).

Kreifels, B. (Principal Investigator), "Teach the Teacher Ag Literacy Delivery," Sponsored by Farm Credit Services of America, Industry, \$2,000.00. (January 17, 2019 - December 31, 2019).

Kreifels, B. (Principal Investigator), "Google Challenge Grant-Increase the scope and breathe of Computer Science and Technology to youth in the State of Nebraska!," Sponsored by Google, Industry, \$175,000.00.

Kreifels, B. (Principal Investigator), "Improving outcomes for at-risk and high-risk youth through a teen and adult mentoring model incorporating Healthy Living 4-H Curriculum in the Omaha-Metro," Sponsored by National 4-H Council, Federal, \$61,410.00.

Kreifels, B., "Douglas-Sarpy 4-H Embryology Program Grant," Sponsored by Friends of Extension and 4-H in Douglas-Sarpy Counties Foundation Grant, Associations/Foundations, \$1,000.00. (August 2017 - December 2017).

## **Intellectual Contributions in Submission**

### **Refereed Journal Articles**

Purdum, S. E., Kreifels, B., Fernando, S., Hanford, K., Didde, D. Prebiotics and probiotics used alone or in combination and effects on pullet growth and intestinal microbiome. *Journal of Applied Poultry Research*.

### **Other**

Kreifels, B., Walker, M. *4-H School Enrichment Pig Heart Dissection Video*. Omaha, NE:.

Kreifels, B. *A Herd Health Plan (Senior)*. Lincoln, NE: Vivayic.

Kreifels, B. *Herd and Flock Health Plan (Young Adult)*. Lincoln, NE: Vivayic.

Kreifels, B. *Keeping Animals Healthy (Intermediate)*. Lincoln, NE: Vivayic.

Kreifels, B. *Keeping Animals Healthy (Junior)*. Lincoln: Vivayic.

## **SERVICE**

### **University Service**

Committee Chair, Nebraska 4-H. (April 2022 - Present).

Committee Member, UNL Graduate Studies. (2022 - Present).

Mentor, Nebraska 4-H. (June 2019 - Present).

Committee Chair, Extension Search Committees. (May 2019 - Present).

Committee Member, Nebraska State Fair 4-H Management Committee. (October 2018 - Present).

Program Coordinator, Nebraska State Fair. (August 10, 2017 - Present).

4-H Poultry Judging Assistant, Premier Animal Science Event (PASE). (June 21, 2017 - Present).

PASE 4-H Livestock group leader, Premier Animal Science Event (PASE). (June 21, 2017 - Present).

Committee Member, NEP Assistant Search Committee. (October 2016 - Present).

Program Coordinator, Nebraska State Fair. (August 11, 2016 - Present).

Committee Member, Sarpy County Agricultural Society. (September 2014 - Present).

4-H Club Leader, Chicks R Us 4-H Club. (March 2001 - Present).

4-H Youth Chaperone, National 4-H Conference. (March 2022).

Program Organizer, National 4-H/TD Ameritrade Omaha Visit. (December 17, 2019).

Nebraska Cooperative Extension Assoc. (November 2018 - November 2019).

Poultry Expert, Omaha Chicken Talk. (January 2015 - August 2019).

Guest Speaker, Plattsmouth High School Advisory Group. (August 2018 - May 2019).

Community Partner, Plattsmouth Public Schools, Blue Devil Academy. (December 2017 - May 2019).

Youth Summer Poultry Program Facilitator, City of Omaha Parks and Recreation. (November 2014 - May 2019).

Committee Member, Metro District Advisory Committee. (January 20, 2018 - January 2019).

Committee Member, Cass County 4-H Council. (December 2017 - December 2018).

Committee Member, Cass County Agricultural Society Committee Member. (December 2017 - December 2018).

Committee Member, Cass County Extension Board. (December 2017 - December 2018).

Committee Member, Community Environment Educator Search Committee. (September 2018 - November 2018).

Committee Member, 4-H Banquet. (November 4, 2018).

Livestock, Poultry and Rabbit 4-H Staff, Cass County Fair. (August 6, 2018 - August 12, 2018).

Livestock, Poultry and Rabbit 4-H Staff, Sarpy County Fair. (August 1, 2018 - August 5, 2018).

Program Organizer, Premier Animal Science Event. (June 25, 2018 - June 26, 2018).

FFA Science Project Review. (March 2018).

4-H Beef Weigh Day. (January 13, 2018).

First Lego League. (January 6, 2018).

Extension Fall Conference Shark Tank Team Leader, Extension. (October 2017 - November 2017).

Interim 4-H Team Lead for Cass County Extension, Extension. (August 2017 - November 30, 2017).

Nebraska 4-H Poultry Judging Team Coach, National 4-H Poultry Judging. (April 2017 - November 16, 2017).

## **Professional Service**

Committee Member, NCEA 4-H Section Policy Committee. (November 2021 - Present).

Committee Member, Nebraska Poultry Industries. (February 15, 2015 - Present).

Committee Chair, Nebraska Cooperative Extension Assoc. (November 2019 - November 2020).

## **Consulting**

Government, City of Omaha Parks and Rec. Youth Organization, Omaha, NE. (November 5, 2014 - Present).

Government, City of Omaha Parks and Rec. Youth Organization, Omaha, NE. (November 5, 2014 - Present).

Poultry and Rabbit Expert, Public, Douglas-Sarpy County Extension, State of Nebraska. (March 10, 2014 - Present).