

## Research Awards in the Natural Sciences

The awards are sponsored by the Natural Sciences of McPherson College and Midwest Oilseeds of Adel, Iowa.

The **Burkholder Research Award**, the highest award, is presented in recognition of outstanding achievement in student research. The **Merit Research Award** is presented in recognition of achievement in student research.

Each student completing a senior research project in the Natural Sciences is a candidate for an award. The Natural Science Faculty select the winners of the awards. Three criteria are used to judge the quality of the research and in selection of student award winners: (1) Selection and planning of a research project; (2) Quality of the research work, including techniques, observations made, and the analysis of data; and (3) Reporting the research, consisting of preparation of the research paper, and a poster or oral presentation to students and faculty.

Each student receiving an award will receive a Certificate of Award. Those receiving the Burkholder Award will have their name inscribed on a plaque, and will receive a year membership in the American Association for the Advancement of Science and a subscription to the journal *Science*.

| Year | Burkholder Award                                | Merit Award   |
|------|---|---|
| 2019 | Parkes Wolters                                  | Micaila Curtis, Samantha Nelson                                       |
| 2018 |   | Nora Grosbach, Amy Makovec  |
| 2017 | Nathan Finch                                    | Sheryl Evans, Lucas Giesey  |
| 2016 | Tiffany Fraser, Ashley Long                     | Alia Khalidi, Kaley Kinnamon  |
| 2015 | Nathaniel Schowengerdt                          | Shannon Coldren, Sydney Lipton, Jordan Stewart                        |
| 2014 | Yi Qun Chai, Sean DeYoung                       | Lori Crain, Alejandro Esparza, Christian Rodriguez                    |
| 2013 | Amanda Baxter, Emily James, Taylor Roop         | Torey Fry, Kasey Miller   |
| 2012 | Audrey McTaggart                                | Savannah Sievers, Andrew Skinner                                      |
| 2011 |   | Karissa Ferrell, Kelley Green, Ashley Zodrow                          |
| 2010 | Ashlee Jost, David Miller                       |   |
| 2009 | Adam Horinek                                    | Amanda Pangburn, Nicole Sampson, Lezli Warkentin                      |
| 2008 | Joel Grosbach, Landon Snell, W. Brett Whitenack | Alan Grosbach   |
| 2007 | Callie Crist                                    | Rhonda Hoffert, Jamie Rodriguez                                       |
| 2006 | Travis Allen                                    | Lisa Sader  |
| 2005 | Joseph Blas                                     | David Cockriel, Jenny Harper, Danielle Lucore                         |
| 2004 | Robert Ullom                                    |   |
| 2003 | Michelle Schulz                                 | Adeline Cripe   |
| 2002 | Elizabeth Stover                                | Renata Lichty   |
| 2001 | Genelle Wine                                    | Jonas Lichty  |
| 2000 | Nathan McLaughlin                               | Jeffrey McPherson   |
| 1999 | Roy Johnson, Jr.                                | Jennifer M. Amiot, Janet Bowen, Eric D. Putnam, Anna Katharina Schenk |
| 1998 |   | Rebecca Standafer, Cameron Mahler                                     |
| 1997 | Kerri Kobbeman                                  | Rod Samuelson   |
| 1996 |   | Chris Owens, Wes Seckler, Stasi Zirkel                                |
| 1995 | Monica Embers, Heather Hughbanks                | Erik Harmon   |
| 1994 | Adam Smith                                      | Susan Blubaugh, Sherry Coopple, Adeola Grillo, Paula Worley           |
| 1993 | Tyson Burden                                    | Robin Morgan  |
| 1992 | Pete Hanson                                     |   |
| 1991 |   | Thomas Champion, Shannon Hull   |
| 1990 | James Dechand                                   | David Maxey   |
| 1989 |   | Michelle Roesch   |
| 1988 | David Lehmen                                    | Cynthia Aeschacher, Sandra Ashbaugh                                   |
| 1987 | David Krehbiel, Marla Ullom                     | Cassandra Clark, Marsha Morley, Jay Nicholson                         |