

**2012 West Michigan Regional Undergraduate Science Research Conference  
Poster Index by Primary Author**

| <b>Last Name</b> | <b>Full Name</b>          | <b>Poster Number</b> |
|------------------|---------------------------|----------------------|
| Abbott           | Josh Abbott               | 14                   |
| Alabi            | Ola-Oluwakiti Alabi       | 21                   |
| Alsum            | Shaun Alsum               | 168                  |
| Baldwin          | Chase Baldwin             | 102                  |
| Bauer            | Lauren Bauer              | 132                  |
| Belmonte         | Paul Belmonte             | 89                   |
| Bender           | Lauren Bender             | 170                  |
| Betz             | Jordyn Betz & Lacey Lemke | 79                   |
| Billquist        | Elizabeth Billquist       | 43                   |
| Bolles           | Amanda Bolles             | 2                    |
| Bootsma          | Andrea Bootsma            | 63                   |
| Bour             | James Bour                | 75                   |
| Bouza            | Alexandra Bouza           | 62                   |
| Boykov           | Yelena Boykov             | 60                   |
| Bradley          | Mary Bradley              | 56                   |
| Bradley          | Patrick Bradley           | 59                   |
| Braun            | Melissa Braun             | 118                  |
| Bresnhan         | Kelly Bresnhan            | 81                   |
| Bretous          | Alain Bretous             | 173                  |
| Briggs           | Erran D. Briggs II        | 70                   |
| Brogan           | Emily Brogan              | 46                   |
| Brown            | Tami Brown                | 152                  |
| Brown            | Dr. Hugh Brown            | 171                  |
| Burckhardt       | Rachel Burckhardt         | 134                  |
| Bussis           | Kyle Bussis               | 163                  |
| Campbell         | Chelsea Campbell          | 143                  |
| Capodilupo       | John Capodilupo           | 138                  |
| Carlson          | Graham Carlson            | 72                   |
| Carter           | Margeaux Carter           | 164                  |
| Chan             | Erica J. Chan             | 32                   |

**2012 West Michigan Regional Undergraduate Science Research Conference**  
**Poster Index by Primary Author**

| Last Name  | Full Name          | Poster Number |
|------------|--------------------|---------------|
| Chawdhary  | Anirudh Chawdhary  | 36            |
| Clements   | Lauren Clements    | 34            |
| Closs      | Justin Closs       | 100           |
| Colton     | Sarah A Colton     | 151           |
| Cox        | Eric Cox           | 47            |
| Cramer     | Cassondra Cramer   | 9             |
| Darusz     | Jessica Darusz     | 147           |
| Davis      | Noah Davis         | 121           |
| Davis      | Ariangela Davis    | 125           |
| De Vries   | Brett De Vries     | 64            |
| DeGroff    | Austin DeGroff     | 127           |
| DeGroot    | Elizabeth DeGroot  | 11            |
| Dekoski    | Danielle Dekoski   | 104           |
| Dennis     | Joseph M. Dennis   | 80            |
| Divakaran  | Anand Divakaran    | 5             |
| Docter     | Brianne Docter     | 8             |
| Dolehanty  | Andrew Dolehanty   | 137           |
| Dugue      | Carline Dugue      | 67            |
| Durston    | Mary Durston       | 57            |
| Dutkiewicz | Abigail Dutkiewicz | 35            |
| Dykstra    | Heidi Dykstra      | 48            |
| Dykstra    | Michael Dykstra    | 165           |
| Edewaard   | Eric Edewaard      | 29            |
| Ellis      | Samantha Ellis     | 91            |
| Engerson   | Andrea Engerson    | 123           |
| Finn       | Thomas Finn        | 93            |
| Fodor      | Sarah Fodor        | 92            |
| Franks     | Jessica Franks     | 108           |
| Garlock    | Kelsey Garlock     | 116           |
| Gasparotto | Anthony Gasparotto | 38            |

**2012 West Michigan Regional Undergraduate Science Research Conference**  
**Poster Index by Primary Author**

| Last Name  | Full Name            | Poster Number |
|------------|----------------------|---------------|
| Gilbert    | Neil Gilbert         | 112           |
| Golz       | Emily Golz           | 69            |
| Goodman    | Danielle Goodman     | 41            |
| Grant      | Andrew Grant         | 1             |
| Grit       | Jamie Grit           | 49            |
| Gunnink    | Stephen Gunnink      | 26            |
| Haas       | Rachel Haas          | 140           |
| Hammond    | Brandy Hammond       | 128           |
| Harder     | Matthew Harder       | 58            |
| Harkema    | Nathan Harkema       | 166           |
| Hartwig    | Daniella Hartwig     | 40            |
| Haveman    | Matthew Haveman      | 85            |
| Hayes      | David Hayes          | 10            |
| Healy      | Stephen Healy        | 114           |
| Herrema    | LaNora Herrema       | 83            |
| Hess       | Andrew Hess          | 155           |
| Hibma      | Elizabeth Hibma      | 120           |
| Hicks      | Michael J. Hicks     | 20            |
| Hidlebaugh | Elizabeth Hidlebaugh | 44            |
| Holder     | Cameron Holder       | 66            |
| Hoogewerf  | Arlene Hoogewerf     | 126           |
| Hundley    | Zachary Hundley      | 28            |
| Irvin      | Michelle Irvin       | 88            |
| Jackman    | Brianna Jackman      | 7             |
| Jeries     | Brooke Jeries        | 156           |
| Kaitanyk   | Kipchumba Kaitanyk   | 16            |
| Kelsey     | Justin Kelsey        | 130           |
| Kennedy    | Jenna Kennedy        | 50            |
| Kim        | Yeon Hyang Kim       | 122           |
| Koboski    | Kyla Koboski         | 162           |

**2012 West Michigan Regional Undergraduate Science Research Conference**  
**Poster Index by Primary Author**

| Last Name | Full Name                        | Poster Number |
|-----------|----------------------------------|---------------|
| Konyndyk  | Jenna Tenney & Jillian Konyndyk  | 51            |
| Kuiper    | Benjamin Kuiper                  | 6             |
| LaFleur   | James LaFleur                    | 97            |
| LaGrand   | John LaGrand                     | 76            |
| Lampen    | Jacob Lampen                     | 159           |
| Lang      | Sara Lang                        | 25            |
| Langeland | Geneva Langeland                 | 105           |
| Langeland | Meagan Mc Rae & Monica Langeland | 148           |
| Lemke     | Jordyn Betz & Lacey Lemke        | 79            |
| Lin       | Jonathan Y. Lin                  | 53            |
| Lindberg  | Abigail Lindberg                 | 136           |
| Livezey   | Mara Livezey                     | 17            |
| Lofthus   | Shelby Lofthus                   | 27            |
| Lubben    | Michael J. Lubben                | 86            |
| Luyk      | Clayton Luyk & Gwen Oster        | 103           |
| Manninen  | Matthew Manninen                 | 19            |
| Marmion   | Richard Marmion                  | 30            |
| Martinie  | Ryan Martinie                    | 24            |
| Maryanski | Danielle Maryanski               | 42            |
| Mc Rae    | Meagan Mc Rae & Monica Langeland | 148           |
| McLellan  | Lisa McLellan                    | 133           |
| Meier     | Robert Meier                     | 167           |
| Mitchell  | Joshua Mitchell                  | 15            |
| Mitchell  | Tyler Mitchell                   | 135           |
| Morris    | John Morris                      | 119           |
| Muyskens  | John Muyskens                    | 99            |
| O'Donnell | Janine O'Donnell                 | 146           |
| Olson     | Kevin Olson                      | 82            |
| Oster     | Clayton Luyk & Gwen Oster        | 103           |
| Parker    | Sabrina Parker                   | 141           |

**2012 West Michigan Regional Undergraduate Science Research Conference**  
**Poster Index by Primary Author**

| Last Name  | Full Name            | Poster Number |
|------------|----------------------|---------------|
| Patmore    | Emma Patmore         | 158           |
| Perry      | Kelsey Perry         | 54            |
| Peruzzi    | Michael Peruzzi      | 87            |
| Peshl      | Jeremy Peshl         | 160           |
| Plantinga  | Anna Plantinga       | 37            |
| Ploch      | Caitlin Ploch        | 157           |
| Porter     | Amanda Porter        | 3             |
| Praamsma   | Riemer Praamsma      | 22            |
| Presley    | Jordan Presley       | 33            |
| Reese      | Caleb Reese          | 115           |
| Rice       | Meredith Rice        | 149           |
| Roemer     | Alex Roemer          | 95            |
| Rowe       | Logan Rowe           | 169           |
| Rugen      | Evan Rugen           | 71            |
| Salazar    | Clarence Salazar     | 154           |
| Sartain    | Hope T. Sartain      | 73            |
| Scheid     | Jacob Z. Scheid      | 12            |
| Schleh     | Elizabeth Schleh     | 45            |
| Schuiling  | Amanda Schuiling     | 96            |
| Selles     | Owen Selles          | 117           |
| Sheikh     | Elaine Sheikh        | 144           |
| Sieck      | Brennan Sieck        | 101           |
| Sienkowski | Leah Sienkowski      | 111           |
| Sinclair   | Josiah Sinclair      | 161           |
| Slopsema   | Julia Slopsema       | 31            |
| Smith      | Mallory Smith        | 84            |
| Stoddard   | Alex Stoddard        | 142           |
| Stone      | Hannah Stone         | 145           |
| Stoyka     | Lindsay Stoyka       | 55            |
| Streelman  | Abigail J. Streelman | 94            |

**2012 West Michigan Regional Undergraduate Science Research Conference**  
**Poster Index by Primary Author**

| Last Name   | Full Name                       | Poster Number |
|-------------|---------------------------------|---------------|
| Stretton    | Christopher Stretton            | 129           |
| Strikwerda  | John R. Strikwerda              | 77            |
| Sung        | Jin Sung                        | 13            |
| Sweda       | Nicholas Sweda                  | 90            |
| Tenney      | Jenna Tenney & Jillian Konyndyk | 51            |
| Thoe        | Jessica Thoe                    | 52            |
| Turkus      | Jonathan Turkus                 | 109           |
| Uitvlugt    | Caleb Uitvlugt                  | 65            |
| Urech       | Alexander Urech                 | 61            |
| Valesano    | Andrew Valesano                 | 124           |
| Van Doornik | Tina Van Doornik                | 113           |
| Van Winkle  | Margaret Van Winkle             | 18            |
| VandeHaar   | Peter VandeHaar                 | 98            |
| Vander Stel | Holly Vander Stel               | 106           |
| Vandezande  | Jonathon Vandezande             | 78            |
| Vaughan     | Robert Vaughan                  | 23            |
| Veldkamp    | Kelsey Veldkamp                 | 131           |
| Veldkamp    | Simon Veldkamp                  | 172           |
| Waalkes     | William Waalkes                 | 153           |
| Wallace     | Chelsea Wallace                 | 39            |
| Wierenga    | David C. Wierenga               | 68            |
| Wieringa    | Jamin Wieringa                  | 107           |
| Williams    | Jacqueline Williams             | 74            |
| Witte       | Amanda Witte                    | 4             |
| Wong        | Jonathan Wong                   | 139           |
| Zemaitis    | Kristen Zemaitis                | 110           |
| Zucker      | Noah Zucker                     | 150           |