

2005 Kern County Regional Science Fair Awards

**Indicates eligible for state competition*

HIGH SCHOOL DIVISION - Grades 9-12

AERODYNAMICS/HYDRODYNAMICS

| | Name | School |
|----------------|---------------------|---------------|
| * First Place | Christopher Simpson | Desert HS |
| * Second Place | Jordan Young | Desert HS |
| Third Place | Mathew Griffing | Taft HS |

APPLIED MECHANICS/STRUCTURES & MECHANISMS

| | | |
|-------------------|----------------|-----------|
| * First Place | Lydia Bates | Desert HS |
| * Second Place | Donald Novak | Desert HS |
| | Rey Ruiz | Desert HS |
| Third Place | Debora Merrell | Desert HS |
| Honorable Mention | Brendon Neill | Taft HS |

BEHAVIORAL SCIENCES

| | | |
|-------------------|----------------|--------------|
| * First Place | Anu Gupta | Stockdale HS |
| * Second Place | Toni Ward | Desert HS |
| Third Place | Susan Stahlman | Desert HS |
| Honorable Mention | Andrea Wooding | Burroughs HS |
| | Allyson Wilson | Desert HS |
| | Keith Hines | Desert HS |
| | Kael O'Malley | Desert HS |

BIOCHEMISTRY/CHEMISTRY

| | | |
|-------------------|------------------|------------|
| * First Place | Laila Nikaien | Desert HS |
| * Second Place | Megan Lederhos | Shafter HS |
| Third Place | Kathleen Henbest | Desert HS |
| Honorable Mention | Ronalynn Ramos | Desert HS |
| | Alex Tompson | North HS |

ENVIRONMENTAL ENGINEERING & SCIENCE

| | | |
|-------------------|----------------|------------------|
| * First Place | Rachel Knight | Centennial HS |
| | Erin Schluter | Centennial HS |
| * Second Place | Shivani Softa | Stockdale HS |
| | John Scott | Stockdale HS |
| | Shelly Patel | Stockdale HS |
| Third Place | Nancy Nasrawin | Golden Valley HS |
| Honorable Mention | Benjamin Mayo | Desert HS |
| | Lea Harsha | Desert HS |

GEOLOGY/EARTH SCIENCE

| | | |
|---------------|------------------|----------|
| * First Place | Nathally Chavez | Arvin HS |
| | Danielle Torres | Arvin HS |
| | Stacey Velazquez | Arvin HS |

MATHEMATICS & COMPUTER OPERATIONS OR TECHNOLOGY

| | | |
|---------------|-----------|--------------|
| * First Place | Eric Ford | Burroughs HS |
|---------------|-----------|--------------|

MOLECULAR BIOLOGY & MICROBIOLOGY

| | | |
|----------------|------------------|--------------|
| * First Place | Kathleen Magness | Ridgeview HS |
| * Second Place | Brittany Weems | Ridgeview HS |

PHYSICS & ASTRONOMY

| | | |
|-------------------|---------------------|--------------------------|
| * First Place | Tammy Prado | Arvin HS |
| * Second Place | Cordelia Holmes | Desert HS |
| Third Place | Christine Merrill | Bakersfield Christian HS |
| Honorable Mention | Jonathan Villanueva | Desert HS |

PLANT BIOLOGY

| | | |
|----------------|------------------|-----------|
| * First Place | Samantha Lowther | Desert HS |
| * Second Place | Helen Jackson | Desert HS |
| Third Place | Jeorgina Lopez | Arvin HS |

ZOOLOGY

| | | |
|----------------|--------------------|----------------|
| * First Place | Chrystine Bourbina | Desert HS |
| * Second Place | Hunter Link | Desert HS |
| Third Place | Samantha Williams | Bakersfield HS |

MIDDLE SCHOOL DIVISION - Grades 6-8**AERODYNAMICS/HYDRODYNAMICS**

| | | |
|-------------------|-----------------|---------------|
| * First Place | Tyler Hanson | Fruitvale JHS |
| * Second Place | Christian Selby | Actis |
| Third Place | Matthew Johnson | Murray |
| Honorable Mention | Colter Antonsen | Murray |

AGRICULTURAL SCIENCES

| | | |
|-------------------|--------------------|----------------------|
| * First Place | Aubryn Butterfield | North Kern Chirstian |
| * Second Place | Ali Haghighi | Warren |
| Third Place | Travis Wallace | Standard MS |
| Honorable Mention | Melissa Camp | Stockdale Christian |
| | Dwyane Facho | Stockdale Elem |

APPLIED MECHANICS/STRUCTURES & MECHANISMS

| | | |
|---------------|------------|--------|
| * First Place | Nick Okita | Warren |
|---------------|------------|--------|

| | | |
|-------------------|------------------|----------------------------|
| * Second Place | Stephen Harmer | Heritage Academy |
| Third Place | Meggie Burroughs | Fruitvale JHS |
| Honorable Mention | Donald Deroin | Our Lady of Perpetual Help |

BEHAVIORAL AND SOCIAL SCIENCES

| | | |
|---------------------|----------------------|-------------------|
| * First Place | Eric Whittington | Rio Bravo Greeley |
| * Second Place | Paul Smith | Rosedale MS |
| | Dj Taylor | Rosedale MS |
| Third Place | Eve Christman | Murray |
| Honorable Mention | Taylor Brady | Valley Oaks |
| | Nichole Heasley | Freedom MS |
| Special Recognition | Grant Brady | Valley Oaks |
| | Christopher Woodward | Woodrow Wallace |
| | Claire Bainbridge | Fruitvale JHS |

CHEMISTRY

| | | |
|---------------------|-----------------|----------|
| * First Place | Jessie Hagiwara | McKee MS |
| * Second Place | Aurora Ostrom | St. Ann |
| Third Place | Avikar Saini | Warren |
| Honorable Mention | Sara Link | Edwards |
| Special Recognition | Ana Gonzalez | Joshua |
| | Ariel Yanez | Stiern |

ELECTRICITY & ELECTRONICS

| | | |
|---------------------|-----------------|------------------|
| * First Place | Jacob Parks | Actis |
| * Second Place | Zachary Seaton | St. Francis |
| Third Place | Jamy Bulgarelli | South Fork MS |
| Honorable Mention | Andrew Orme | Edwards |
| Special Recognition | Daniel Czech | Heritage Academy |

ENVIRONMENTAL ENGINEERING & SCIENCE

| | | |
|---------------------|----------------------|---------------------|
| * First Place | Kaylah Clemnt/Harris | Almondale |
| * Second Place | Alyx Munden | Fruitvale JHS |
| Third Place | Riley Scott | Fruitvale JHS |
| Honorable Mention | Kaleigh Tinkle | Stockdale Christian |
| Special Recognition | Amanda Carrillo | Norris MS |

GEOLOGY/EARTH SCIENCE

| | | |
|----------------|-----------------|-----------------|
| * First Place | Joshua Newton | Almondale |
| * Second Place | Joshua Escoledo | Emerson |
| Third Place | Ariane Ousley | California City |

MAMMALIAN BIOLOGY/PHYSIOLOGY

| | | |
|----------------|---------------|------------------|
| * First Place | Jessica Souza | Norris MS |
| * Second Place | Geoffrey Lee | Heritage Academy |
| Third Place | Nagali Vidal | Thomas Jefferson |

| | | |
|-------------------|-----------------------------------|--|
| Honorable Mention | Sarah Kercklow Lindsay Mathews | Our Lady of Perpetual Help Our Lady of Perpetual Help |
|-------------------|-----------------------------------|--|

MATERIALS SCIENCE

| | | |
|---------------------|------------------|-----------------|
| * First Place | Anthony Coy | Norris MS |
| * Second Place | Phillip Brocket | Standard MS |
| Third Place | Richard VanHorne | Franklin |
| Honorable Mention | Zach Burks | Centennial Elem |
| Special Recognition | Donald Mathis | Joshua |
| | Ray Trott | Valley Oaks |
| | Paul Leonard | Greenfield |

MATHEMATICS & COMPUTER OPERATIONS OR TECHNOLOGY

| | | |
|----------------|-------------------|------------------|
| * First Place | Nikolette Sanchez | Thomas Jefferson |
| * Second Place | Tommy Wooding | Monroe |
| Third Place | Pedro Pallares | Thomas Jefferson |

MOLECULAR BIOLOGY & MICROBIOLOGY

| | | |
|-------------------|-------------------|-----------------------|
| * First Place | Mara Minner | Warren |
| * Second Place | Lisa Tipp | St. Johns Bakersfield |
| Third Place | Benjamin Griffith | Stockdale Christian |
| Honorable Mention | Keri Neal | Standard MS |

PHARMACOLOGY/BIOCHEMISTRY

| | | |
|---------------------|----------------|-------------------|
| * First Place | Sanjee Kumar | Standard MS |
| * Second Place | Amy Lee | Murray |
| Third Place | Taylor Herndon | Rio Bravo Greeley |
| Honorable Mention | Brian Hughes | Warren |
| | Chiloe Alius | California City |
| Special Recognition | Chloe Hamilton | St. Frances |
| | Joren Salazar | Greenfield |

PHYSICS & ASTRONOMY

| | | |
|---------------------|--------------------|-------------------|
| * First Place | Ryan Brottlund | California City |
| * Second Place | Cambria Ullrich | Quailwood |
| Third Place | Morgan Howes | Rio Bravo Greeley |
| Honorable Mention | Christopher Wtaker | Norris MS |
| Special Recognition | Mark Canning | California City |

PLANT BIOLOGY

| | | |
|---------------------|-----------------|---------------------|
| * First Place | Cici Pandol | Stockdale Christian |
| * Second Place | Mary Karcher | Stockdale Christian |
| Third Place | Katie Hannah | Norris MS |
| Honorable Mention | Raymond Faull | California City |
| Special Recognition | Kaitlyn Bruni | Panama |
| | Corran Thompson | Lincoln JHS |

STRUCTURAL CAPABILITY & STRENGTH OF MATERIALS

| | | |
|---------------------|----------------|------------------------|
| * First Place | Stephen Michal | Stockdale Christian |
| * Second Place | Elizabeth Koo | Stockdale Christian |
| Third Place | Nicolas Pol | St. John's Bakersfield |
| Honorable Mention | Austin Roush | Norris MS |
| Special Recognition | Harpreet Kaur | Bill Williams |
| | Ryan Selgrath | Rio Bravo Greeley |

ZOOLOGY

| | | |
|----------------|----------------|-----------------------------|
| * First Place | Jenny Kim | Stockdale Christian |
| * Second Place | Kaley Mulligan | North Kern Christian School |
| Third Place | Nick Chase | Standard MS |
| | Brandon Ware | Standard MS |

INTERMEDIATE GRADES DIVISION - Grade 4

ASTRONOMY, EARTH AND ENVIRONMENTAL SCIENCE

| | | |
|---------------------|----------------|---------------------------|
| First Place | Brandon Torres | Palm Ave |
| Second Place | Darby Mejia | Owens |
| Third Place | Conor Fisher | Woodrow Wallace |
| Honorable Mention | Omar Bishiti | Quailwood |
| Special Recognition | Byron Gregg | Hamilton Elem |
| | Rohan Sharma | Carden School Bakersfield |

BEHAVIORAL, ANIMAL AND FIELD STUDIES

| | | |
|-------------------|-----------------|----------------|
| First Place | Madison Boynton | St. Frances |
| Second Place | Nicholas Lane | Rosedale North |
| Third Place | Daniel Carbajal | McKinley |
| Honorable Mention | Tab Rodney | Wingland |

CHEMISTRY AND CHEMICAL REACTIONS

| | | |
|---------------------|------------------|-------------------|
| First Place | Connor Brady | Buena Vista |
| Second Place | Prutha Mehta | Reagan |
| Honorable Mention | Ryan Howes | Rio Bravo Greeley |
| | Michelle Stanley | McAuliffe |
| Special Recognition | Sylvia Brown | Lakeside |
| | Jennifer Coppola | Patriot |
| | Kandis Cornelius | Valle Verde |
| | Destry Raisor | Standard Elem. |

ENGINEERING AND MATHEMATICS

| | | |
|--------------|---------------|--------------|
| First Place | Yui Kobayashi | Hart |
| Second Place | Nathan Enders | Independence |
| Third Place | Bobby Okazaki | Panama |

FOOD AND HEALTH SCIENCE

| | | |
|---------------------|--------------------|--------------|
| First Place | Oakley Alius | Ulrich |
| Second Place | Christian Barenchi | Franklin |
| Third Place | Kelsey Scott | Buttonwillow |
| Honorable Mention | Alix Cordova | Midway |
| Special Recognition | Alexis Dickson | Suburu |
| | Andres Hernandez | DiGiorgio |
| | Norma Magallanez | Elk Hills |

MATERIALS AND CONSUMER SCIENCE

| | | |
|-------------------|-----------------|------------------------|
| First Place | Caitlan Bransby | Endeavour |
| Second Place | Tyler Warner | Stine |
| Third Place | Nathan Ejbara | Berkshire |
| Honorable Mention | Jake Fortnum | St. John's Bakersfield |

PHYSICS

| | | |
|---------------------|------------------|--------------|
| First Place | Heather Hansen | Discovery |
| Second Place | Rebecca Kandell | St. Ann |
| Third Place | Jacob Riess | Patriot |
| Honorable Mention | Sarah Brzezinski | Golden Hills |
| Special Recognition | Hunter Mitchell | Van Horn |

PLANT BIOLOGY

| | | |
|--------------|-----------------------|-------------|
| First Place | Erica Greene | Valle Verde |
| Second Place | Danny Paniagua | Longfellow |
| Third Place | William Westerhout IV | Munsey |

INTERMEDIATE GRADES DIVISION - Grade 5

ASTRONOMY, EARTH AND ENVIRONMENTAL SCIENCE

| | | |
|--------------|---------------|-----------|
| First Place | Jacob Braun | Sing Lum |
| Second Place | Nikki Procell | Kindrick |
| Third Place | Shaan McGhie | Endeavour |

BEHAVIORAL, ANIMAL AND FIELD STUDIES

| | | |
|---------------------|-------------------|---------------------------|
| First Place | David Kilpatrick | Carden School Bakersfield |
| Second Place | Andrew Bainbridge | Discovery |
| Third Place | Justin Andrews | Seibert |
| Honorable Mention | Samuel Enders | Independence |
| Special Recognition | Connor Smith | Laurelglen |
| | Leticia Torres | Fremont |
| | Elide Vargas | Fremont |
| | Kevin Wielenga | Rio Bravo Greeley |

CHEMISTRY AND CHEMICAL REACTIONS

| | | |
|---------------------|------------------|-----------------|
| First Place | Tyler Andrews | Wingland |
| Second Place | Cassie Sandrini | Panama |
| Third Place | Justin Meyer | Hort |
| Honorable Mention | Brenna Ardrom | Owens |
| Special Recognition | Taylor Feher | Centennial Elem |
| | Derrick Young Jr | McKinley |

ENGINEERING AND MATHEMATICS

| | | |
|-------------------|----------------|------------------------|
| First Place | Justin Yeh | Stockdale Elem |
| Second Place | Ambreea Parker | Ulrich |
| Third Place | Alec Swager | St. John's Bakersfield |
| Honorable Mention | Gabe Ramos | Almondale |

FOOD AND HEALTH SCIENCE

| | | |
|---------------------|-------------------|-----------------|
| First Place | Kaitlin Swift | Woodrow Wallace |
| Second Place | Carson Crawford | Quailwood |
| Third Place | Spencer Shoemaker | Almondale |
| Honorable Mention | Usman Zahid | Thorner |
| Special Recognition | Jessica Gomez | Shirley Lane |

MATERIALS AND CONSUMER SCIENCE

| | | |
|-------------------|-----------------|------------|
| First Place | Nick Pembor | McAuliffe |
| Second Place | Sammy Donohue | McKee Elem |
| Third Place | Kennedy Poe | Downtown |
| Honorable Mention | Bianca Savarese | Lakeside |

PHYSICS

| | | |
|-------------------|-------------------|-------------|
| First Place | Mathew Soderstrom | Valley Oaks |
| Second Place | Keir Nelson | Reagan |
| Third Place | Timothy Okita | Reagan |
| Honorable Mention | Jamie Vigil | St. Ann |

PLANT BIOLOGY

| | | |
|--------------|------------------|--------------------------|
| First Place | Christa Schaffer | Sandrini |
| Second Place | Misti Holliday | Woodrow Wallace |
| Third Place | Bryawna Bycheck | Pine Mt. Learning Center |

2005 Kern County Regional Science Fair Awards for Excellence (Grades 9-12)

Kern County Science Foundation Scholarships
(Name) — (School) High — (scholarship amount)

Air Force Research Laboratory

(Name) — (School) High — (scholarship amount)

Distinguished Achievement Naval Science Award Winners

High School

(Name) — (School) High

Middle School

(Name) — (School)

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