

!explora!

Annual Report July 2012 – June 2013



Explora:
creating opportunities
for inspirational discovery and
the joy of lifelong learning
through interactive experiences
in science, technology, and art.

Adult Nights prove that learning is fun and irresistible at any age!



Seasonal Camps keep minds active with STEM learning during school breaks.



This is a great program and the parents love it. Students talk about the experiments and exhibits for days.

-Family Science Night, educator comment

Explora Science Center & Children's Museum of Albuquerque
1701 Mountain Rd. NW, Albuquerque, NM 87104
505.224.8300 • www.explora.us



Excitement and interaction abound at **Family Science Nights**. For many families, these evenings provide a first glimpse of Explora's experiential learning opportunities, as kids, parents, and grandparents enjoy activities that bring scientific phenomena to life.



The Explora experience



Explora is an innovative learning place.

We provide materials-rich experiences that blur the lines between science, technology, and art, opening up a colorful, welcoming, puzzling, intriguing, and thought-provoking world of possibilities.

Explora is dedicated to providing our community a place where we learn together.

Visitors can manipulate a wide range of physical variables and develop their own thinking about what they are experiencing.



A+++++++

-Visitor comment



Community is one of Explora's core values.

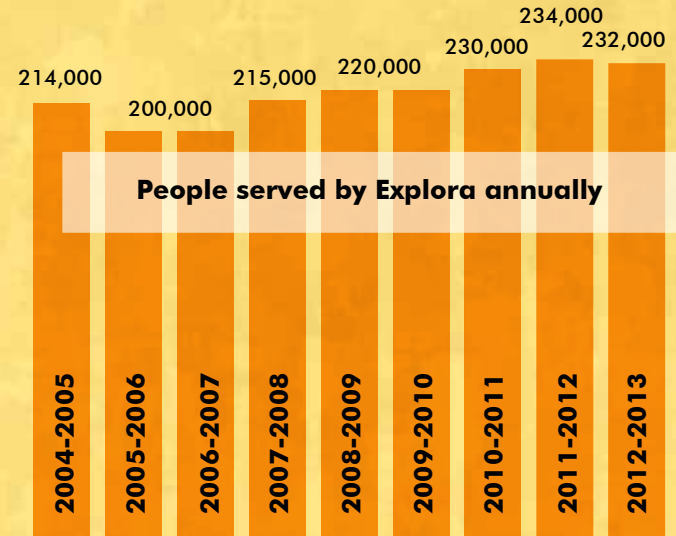
We make great efforts to provide opportunities for all New Mexicans to access quality learning experiences, while playfully engaging with the open-ended, hands-on exhibits and programs offered by Explora. Opportunities abound for additional learning with each visit.

Explora adds up



Explora provides top quality learning experiences at excellent value

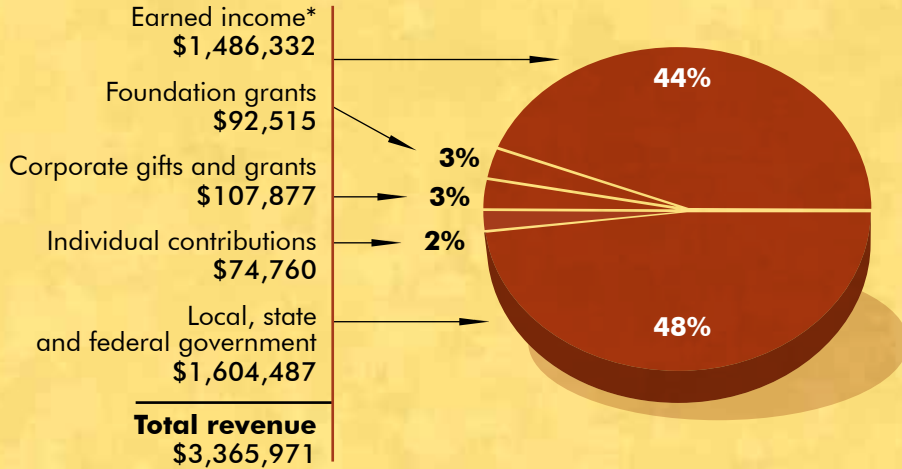
- Explora serves more than 232,000 people a year, and Explora educators facilitate over 2,200 educational programs in science, technology, and art to more than 61,000 students from schools and other organizations.
- Committed to reaching traditionally under-served audiences, since 2004 Explora has provided 21,700 no-cost memberships to families whose children qualified for free or reduced-price school lunches, and to families that worked with one of Explora's community partner organizations.
- Explora's statewide educational outreach program has served residents in all 33 counties of New Mexico.
- Teachers from school districts all over the state have come to Explora for professional development on inquiry science teaching. Additionally, Explora has provided educational opportunities to current and pre-service teachers from UNM, CNM, NMSU, University of Phoenix, and WNMU-Gallup.
- Explora was asked to co-host the 2013 Association of Science-Technology Centers' annual conference, in partnership with the New Mexico Museum of Natural History and Science, and the National Museum of Nuclear Science and History, bringing over 2,000 science museum professionals from around the world and \$1.6 million to the City of Albuquerque. Hosting duties illustrate Explora's reputation as a leader and innovative model in the science center field.



Total number of no-cost memberships awarded to low-income families since 2004 } 21,700

Explora's dollar allocations for fiscal year 2012-2013 from audited year-end financial reports

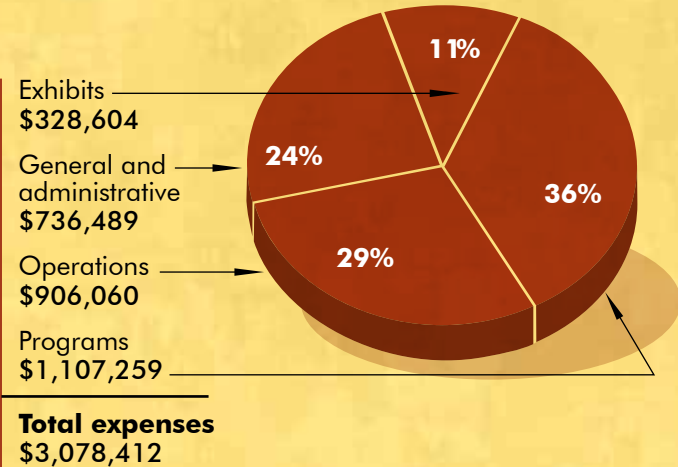
Revenues



*Includes program fees, admissions, memberships, rentals, and store sales



Expenses



Net
\$287,559

Year end operating cash and cash equivalents
(Includes temporary and permanently restricted fund balances)
\$518,208

Community Involvement

A new community engagement initiative is underway at Explora. We are building new relationships with an increased number of community partners, facilitating community listening sessions, and developing truly collaborative projects, in an effort to deepen a sense of membership with our community in the process of lifelong learning.

This year alone, Explora provided over 2,800 no-cost family memberships, plus scholarships to many educational programs. Explora fosters collaborations with over 50 local, state, and national organizations to create engaging learning experiences for people of all ages.

Explora also hosts the popular *Portal to the Public (PoP)* program, which brings local scientists to engage with the public on a regular basis, sharing their research and engendering excitement for science.

Education on the Move

Explora educators provided over 2,200 educational programs to more than 61,000 students this year, and have served all 33 New Mexico counties and 95% of New Mexico's school districts.

Whether at home or around the state, Explora's programs deliver materials-rich, high-quality educational STEAM (Science, Technology, Engineering, Art, and Math) learning opportunities.

Exhibits "Learning by Doing"

Explora designs and builds exhibits that allow for physical manipulation of multiple variables. This inquiry-based approach, with open-ended opportunities for learning, sparks curiosity and provides rich STEAM learning experiences.

Light, Shadow, Color/Luz, sombra, color opened in August 2012. In this new exhibit area, visitors experiment with unique properties of light: they mix colored lights, and explore fiber optics, lenses, refracted light, and moving shadows. These activities offer insight into principles of physics, math, and biology.

In an ongoing National Science Foundation-funded project, researchers are using Explora's *Math Moves!/Movidias matemáticas!* exhibit area to investigate how middle school students and their families interact with these math exhibit activities over time, to help inform the field's future exhibit development.

Through the upcoming year, the Explora team will be hard at work enhancing two exhibit areas and developing and creating 12 new exhibit activities.

Youth Intern Program

Explora worked with thirty dynamic interns this year, providing these high-achieving, low-income teens a mentored opportunity to facilitate science activities for younger children and to prepare for future education and employment. Hundreds of children and families were directly affected this year by the work of Explora's interns.



Lifelong learning is full of surprises!

Honored societies of extraordinary giving

The Galileo Society recognizes and honors those who make a significant financial contribution to Explora of \$25,000 or more.

Galileo Society

Louis and Stacy Abruzzo
Adelmo "Del" and Rebecca Archuleta
Don and Dianne Chalmers
Kay Collins
Jim and Geri Cramer
Gertrude Dazzo
Leonard and Patricia Duda
Jane and Michael Flax
Dee and Ruth Friesen
Matt and Pauline Gubbels
H. B. and Lucille Horn
Drs. David and Kathy Hsi
William and Jan Keleher
Robert A. Levin
Mike and Donna Mullane
Bob and Betsy Murphy
Deborah Peacock and Nathan Korn
Elizabeth R. Quinn
Jack and Donna Rust
Betty Sabo
Paul Tatter
Larry D. Willard

The da Vinci Society recognizes and honors those who make a significant financial contribution to Explora of \$100,000 or more.

da Vinci Society

Anonymous
Don and Dianne Chalmers
Kay Collins
Matt and Pauline Gubbels
Mike and Donna Mullane
Deborah Peacock and Nathan Korn
Elizabeth R. Quinn

Corporate Donors

Premier Partners

City of Albuquerque

Mayor
Richard J. Berry

City Councilors
Ken Sanchez
Isaac Benton
Brad Winter
Dan Lewis
Rey Garduño
Trudy Jones
Don Harris
Janice Arnold-Jones
Michael Cook
Debbie O'Malley
Roxanna Meyers

State of New Mexico

Governor
Susana Martinez

Lieutenant Governor
John A. Sanchez

New Mexico Senate

New Mexico House of Representatives

Memorials

Alan C. Buck Memorial Fund
Peter Froning Memorial Fund
Edith Perkins Menning Memorial Fund
Thames H. Wedgewood Memorial Fund
Eric Andrew Youngberg Memorial Fund

Gifts in memory of Carlos Cox
Gifts in memory of David Allen Kimsey

Cornerstone Partners

(\$100,000-\$499,999)

Intel

Leadership Partners

(\$25,000-\$99,999)

Lockheed Martin Corporation/
Sandia National Laboratories
Peacock Myers, P.C.

Contributing Partners

(\$10,000-\$24,999)

Anesthesia Associates of New Mexico, P.C.
Osuna Nursery, Inc.
PNM
Thornburg Investment Management

Supporting Partners

(\$2,500-\$9,999)

Bank of Albuquerque
Bernalillo County Community Services Division
J. B. Henderson Construction
Lewis and Roca, LLP Lawyers
Whole Foods Markets - Albuquerque

Corporate Donors (<\$2,499)

2 Anonymous Donors
ABC Cake Shop
Albertsons
Albuquerque Country Club
Clark's Pet Emporium
New Mexico Kids!
Family Magazine
Stevie's Happy Bikes
Target
TBC Brewing Inc.
Western Gothic Productions

Foundation Partners

Albert I. Pierce Foundation
Albuquerque Community Foundation
Bank of America Foundation
BBVA Compass Foundation
Boye Foundation Inc.
The Cherry Picker Foundation
CNA Foundation
Fleischaker Women's Legacy Fund
General Mills Foundation
Intel Foundation
McCune Charitable Foundation
PNM Foundation
Robert J. Stamm and Mary Herring Fund
Sandia Foundation's Hugh and Helen Woodward Fund of the Albuquerque Community Foundation
U.S. Bancorp Foundation
United Way of Central New Mexico Community Fund
United Way of Central New Mexico Young Leaders Society
Urban Enhancement Trust Fund of the City of Albuquerque

Individual Donors

Explora is fortunate to have the support of many families and individuals within and beyond New Mexico's borders.

Our thanks to the following contributors for their financial support:

21 anonymous donors
Natalie Adolphi &
Andrew McDowell
Eyal Aharoni
Christina Alarid
Kamal Ali
Ganesh Balakrishnan &
Prasanna Devi Sampath
Ron Beauchamp &
Cecilia Navarrete
Mary & Len Beavis
Jessica Bierner
Nancy & Cliff Blaugrund
Michael Brewer
Marlene Brown & Marc Lynch
Randi & Walter Buck
Randy Burge
David & Shelly Campbell
Amy Carr, in memory of
Carlos Cox
Norman Carr

Sarah Chavez
Amanda Miera Colburn &
Brian Colburn
Shawn Conway
Cody Coombs
Jim & Geri Cramer
Jean Craven
Christina Crawford
Anna Creamer
Dorothy Crist
Linda Dailleboust
Mary Jo Daniel
George Davis
Linda Davis
Ellis & Sandra Dawson
Marla Diener
Trudy Di Leo, in honor of
Patricia Decker
Duane & Margaret Dill,
in memory of Carlos Cox
Sean Downes
Leonard & Patricia Duda
Susan & Dan Dunne
Rita Duran
Nick & Sharee Estes
David & Frankie Ewing
David & Regan Eyerman
Jane & Michael Flax
Peggy & Russell Foos
Dee & Ruth Friesen
Ruth Gannaway
Norma Pawley & Jason Gans
Alia George
Rosalind & Larry Gibel
Rebeca Gibraltar
James & Darbi Gill
Carrie Goldberger

Jennifer Gomez
Mary Beth & Richard Grimberg
Kelsey & Andrew Gross
Pauline & Matt Gubbels
Peggy Gutjahr & Meghan Kofod
Kathy & David Haaland
Anita & Jerry Harper
Janet & Donald Harris
Joe & Jasmin Hastings
Helen Hathaway
Julie & Martin Heinrich
Tim & Nadine Hendry
Robin Marshment Henry &
Steve Henry
Karl Hofmann
Kay Holswade
Drs. David & Kathy Hsi
Pam Hurd-Knief & Ronald Knief
Cissy Inman
Leah & Erick Johnson
Melinda Johnson
Dennis & Mary Ann Jontz
Joel & Dylan Jordan
Robert Jung
Lia Kashdan
William & Jan Keleher
Katrina & Todd Kerns
Bryan Kimsey, in memory of
David Allen Kimsey
Gerry Klingsmith
Jennifer & Ed Kuyper
Kristin & David Leigh, in
memory of Carlos Cox
Jamie & James Levy
Lance Logan, in memory of
David Allen Kimsey
Shawn Mansfield

Danielle Martinez
Mervin & Karen Martinez
James & Joyce Matthews
Timothy Mayville
John McKean
Roger McNew & Jane Yee
Janice Meyer
Roxanna Meyers
Donald Mickey
Bernadette & Rick Miera
Shannon Miller
Loretta Moore
George & Rebecca Moran
Marvin Moss
Mike & Donna Mullane
Stephen Myers
Kobiana Nakigan
Dr. Michael & Patsy Nelson
Cyndy Noll
Monica Olivas
Mario Ortiz
Christina & John Osmon
Norm & Mabel Padilla
Olga & Bob Park
Kathy & Ted Parnall
Janice & Stuart Paster
Deborah Peacock &
Nathan Korn
Curtis Peters
Cynthia Phillips &
Thomas Martin
Leslie Phinney
Gary Pierson, in honor of
Eric Andrew Youngberg
Mary & Ted Pockman
Rita & Victor Pongetti
Elaine & Richard Marcus Price

Vivian Quintana
Jennifer Ramo & David Kutz
Mical & Assaf Rezoni
Erika Rimson & David Bernstein
Beatriz "Betty" Rivera
Gwenn Robinson &
Dwight Burney
Judith & Norman Roderick
Estela & Michael Rogholt
Becca Rollins & Ben Davis
Evelyn & Gary Rosenberg
J. Stephen & Lee Ann Rottler
Joan & Michael Rueckhaus
Ted Rupert
Liliana & Alfonso Sanchez
Sara & Joaquin Sanchez
Samantha Schwartz & Mark Olah
Rick Scott & Carmen Gonzales
Patricia Selcher
Susan & Neal Shadoff
Betsy Skye Smith
Joshua Stewart
Sara Stewart
Gary & Kay Stone
Saundra & Larry Sur
Mary Ann Sweeney &
Edward Ricco
Aija & Phil Thacher
Evelyn & Allan Tinkham
Chandler & Richard Todd
Kathleen Towle
JoLou Trujillo-Ottino
Marianne Walck & Eric Chael
Michelle Watkins
Lisa Whalen
Carl Willis
Gretchen & Bill Winchester

Explora's Board of Directors: Calendar Years 2012 and 2013

Officers Calendar year 2012

James Gill, President
Deborah Peacock, Vice President
Diego Gallegos, Vice President
Larry Sur, Treasurer
Linda Dailleboust, Secretary

Officers Calendar Year 2013

James Gill, President
Deborah Peacock, Vice President
Diego Gallegos, Vice President
Dennis Jontz, Vice President
Larry Sur, Treasurer
Linda Dailleboust, Secretary

Cody Coombs *2013*
Commercial Banking Officer,
Bank of Albuquerque

Linda Dailleboust *2012, 2013*
Environmental Compliance
Coordinator, Sandia National
Laboratories

Mary Jo Daniel *2012, 2013*
Associate Director, NM EPSCoR,
University of New Mexico

Jane Flax *2012*
Community Volunteer

Diego Gallegos, Ed.D.
2012, 2013
Executive Director,
Circles New Mexico
Owner, AMADO Consulting

James Gill *2012, 2013*
Chief Financial Officer,
Santa Fe Ingredients

Julie Heinrich *2012, 2013*
Project Manager, Mid-Region
Council of Governments

Robin Marshment Henry
2012, 2013
Librarian and Records Manager,
Lovelace Respiratory
Research Institute

David Hsi *2012, 2013*
Professor and Adjunct Professor
Emeritus, New Mexico State
University and University of
New Mexico

Dennis Jontz *2012, 2013*
Partner, Lewis and Roca, LLP

Robert Jung *2012, 2013*
Retired Regional President,
Wells Fargo

Dan Lewis *2013*
City Councilor, District 5
City of Albuquerque

Roxanna Meyers *2013*
City Councilor, District 2
City of Albuquerque

Bernadette Miera *2012, 2013*
Cultural Services Manager,
Office of Cultural Services,
Bernalillo County

Debbie O'Malley *2012*
City Councilor, District 2
City of Albuquerque

Deborah Peacock *2012, 2013*
President, Peacock Myers, P.C.

Angie Rios *2012*
Executive Director,
Sawmill Advisory Council

Beatríz "Betty" Rivera
2012, 2013
Director, Cultural Services
Department,
City of Albuquerque

J. Stephen Rottler *2012*
Chief Information Officer
and Vice President of Science
and Technology, Sandia
National Laboratories

Rick Scott *2012, 2013*
Director of ISEC Programs,
LANL Foundation

Gary Stone *2012*
Vice President NM
Operations, PNM

Larry Sur *2012, 2013*
Controller - Strategic
Manufacturing,
Intel Corporation

Mary Kathleen Towle *2013*
Professor, International Business,
Anderson School of Management,
University of New Mexico

JoLou Trujillo-Ottino
2012, 2013
Corporate Branding
Specialist, HALO
Branded Solutions

Brad Winter *2012*
City Councilor, District 4
City of Albuquerque

Emeritus Directors

Alan Armijo *2012, 2013*
Consultant/Lobbyist

Jane Flax *2013*
Community Volunteer

Pauline Gubbels
2012, 2013
Retired State Representative,
State of New Mexico
Legislature

Amanda Miera Colburn
2013
Special Events Coordinator,
Department of Economic
Development & Cultural
Services, Bernalillo County

J. Stephen Rottler *2013*
Chief Information Officer
and Vice President of Science
and Technology, Sandia
National Laboratories



Home school students get deeply engaged in science, in semester-long **Home School Science Explorations**.

Great to see families sharing/ exploring science together!

-Visitor comment

Early childhood programs provide important developmental stimulation for our youngest scientists and provide opportunities for caregivers to learn alongside their little ones.



Explora's youth interns learn to teach, and teach to learn, developing valuable job and life skills.



Science comes alive in Explora's theater programs, featuring plays and live science demos.

