







Our well-being is intimately tied to the health of our planet. The last few years have shown us the consequences of placing too much pressure on the natural world.

To build the healthy future we want, we need rapid transformational change.

This report shows how the Center is turning education into concrete action. We envision a North Bay working together to find sustainable solutions.

Get environmentally ready with us!

Claudia Lulea

# Taking Action

Climate change is top of mind for all of us. We need to take action. Universities play a unique role in sparking innovation and change through open discourse, research and workforce training. The Center focuses academic resources on North Bay environmental challenges. We:

- Engage and activate the community.
- Partner with agencies and businesses to find practical solutions.
- Build a diverse workforce to champion the environment.
- Collaborate on a global scale to share expertise.









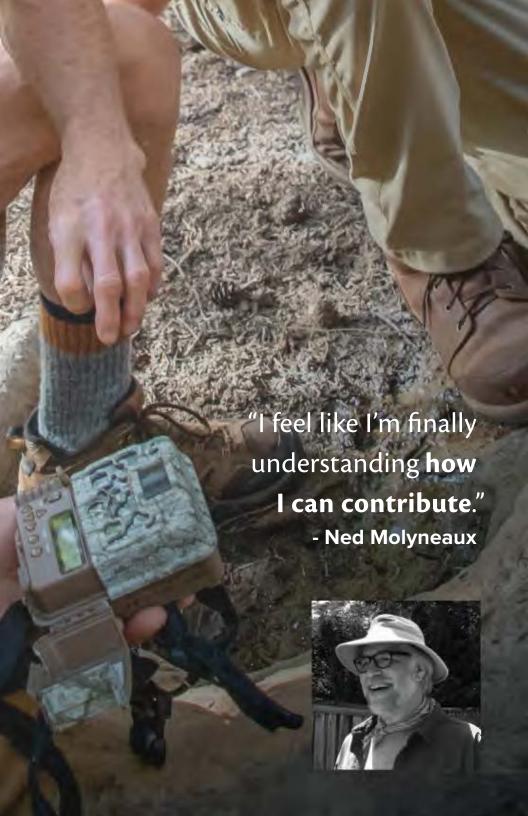
The Center connects public and private sectors with academic expertise to find practical solutions to real-world problems.

Working with Nick Bennett, Rohnert Park's Environmental Coordinator, we forged a partnership to identify key challenges facing the city and how the university can help.

**Faculty and students are now working on a range of sustainability issues** such as water pollution, alternative transportation and native plant restoration.







### Global Reach

When the pandemic hit, university students lost access to the natural world. No field research. No collaborative problem solving. No first-hand studies of global environmental issues.

The Center brought together 50 international field stations to secure a \$200K National Science Foundation grant to develop virtual field trips.

Global ecosystems are now accessible to students sheltering-in-place and to those who wouldn't normally be able to travel to the field.



## **Projects**

Faculty, students and partners work together to solve complex environmental challenges. The pandemic hit these efforts hard, challenging us to find news ways to support their work. As a result, we broadened our reach to include those who wouldn't normally participate.

#### **Participation**

Students 1,024 Faculty

Partnering
Organizations
141

Community Members 3264

Departments 17

#### **Fire**

projects

**Understanding and reducing** fire risk in natural systems.

Researchers: Bentley, Goman, Halle, Hernandez, Jackson, Tom, Wojcik, Loffland

#### Water

projects

Improving water quality, conservation and storage. Researchers: Bennett, Glas, Goman, Guilford, Mookerjee, Olney, Rank, Shaw, St. John

#### Air & Climate 3 projects

Monitoring local climate change with new technologies. Researchers: Fernandez, Halle, Leal, Shott

#### **Biodiversity**

projects

Preserving ecosystem health and biodiversity with new techniques.

Researchers: Bravo, Clark, Farahmand, Frangioso, Fritz, Goshgarian, Guilford, Gill, Halle, Kozanitas, Meentemeyer, Olsen, Serpa, St. John, Wininger

#### Environmental **Awareness**

projects

**Building environmental** connections in innovative ways.

Researchers: Goman, Hongisto, Leal, Luke, Kassis, Myers, Peterson, Wininger



Healthy planet. Healthy you. It's urgent that we each contribute to the challenges before us.

By working together, we can create a healthy future for planet and people.



## Targeting

The key issues facing the North Bay

## **Transforming**

**Education into concrete action** 

## Mobilizing

People to work together locally and globally

#### **Donors**

#### Thank you for investing in environmental readiness for all.

VISIONARIES (LIFETIME)
------------------------

\$100.000 & above

The Federated Indians of Graton Rancheria Tribal

Council

Fred & Jean Galbreath

Robert & Sue Johnson

Marthe & Stephen Norwick and the Stephen Norwick Memorial Fund

William & Joan Roth

Daphne Smith

#### **BENEFACTORS**

\$20,000-99,000

Alexander Leff

Carol Cole Mitchel & Clark

Mitchel

#### **EXPLORERS**

\$1,000-4,999

Mike & Paula Aja

Susan Norwick Horrocks &

Keith Horrocks

Johanna & Richard

Luke

Milo Mitchel

Terri & David Yost

Chuck & Cathy Williamson

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**Dan Rhodes** 

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Paleczny-Stevenson

Kirsten & Steve Tellez

Janis & Warren Watkins

Richard Whitkus

Janice Wilson

#### LEGACY & ENDOWED GIFTS

Fred & Jean Galbreath

Marthe Norwick

Georgette Skellenger

Daphne Smith

#### **VOLUNTEERS**

#### GALBREATH PRESERVE

Nancy Armstrong-Frost Lisa Bauer Mary Blair Curtis Frost Peter Gordon Jill Hannum Kit Lee Elias Lopez Mark Rawlins Sherrie Smith-Ferri

#### **OSBORN PRESERVE**

Angelica Aguirre Katie Alden Claire Anderson Jacob Andrews Dominic Antenucci Gabriela Arango Samantha Arenas Sarah Arrovo-Chavez Natalie Ausili Siah Baakoi Susan Backer Judy Barcelon Kellen Barton Gordon Beebe Maxwell Belote-Brassard Camille Bernard Brianna Bertoli Sally Bolger Kirin Booth John Branscome Amanda Brewer Angela Brierly Junco Bullick **Emily Burns** Laila Cameron Ellyse Cappellano Charles Carvalho Maxwell Church **Molly Clemons** 

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Quinn Concannon

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#### CAMPUS

Irene Barnard Alan Chesterman Christine Elder Patty Foster Makayla Freed Steven Hammerich Sage Harmon Michael Jones Chris Lee John Lynch Jessica McCready Kevin Munroe Nicole Myers James Peterson Fri Sawairi Michelle Sixta Julianne Skai Arbor Ted Swiecki Kate Symonds Yana Valachovic Rick Waller Jeree Waller

#### **REVENUE: \$690K**

56% SSU/CSU Funding 21% Corporate Partners & Agencies 18% Individual Donations 5% Endowments **EXPENDITURES: \$722K** 

75% Programs12% Communications7% Operations6% Lands & Facilities

#### **Partners**

#### Faculty, organizations and staff partnered on finding sustainable solutions.

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AboutDisability

Alameda County

Anderson Valley USD

**Archbold Biological Station** 

Ashland University

Audubon Canyon Ranch

**Bay Nature Institute** 

**Bradford Creek Studios** 

CalFlora

California Department of Forestry and

Fire Protection

California Native Plant Society, Milo

**Baker Chapter** 

California State University Channel

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California State University East Bay

California State University Fullerton

California State Water Resources

**Control Board** 

Cary Institute of Ecosystem Studies

City of American Canyon

City of Hayward

City of Napa

City of Oakland

City of Rohnert Park

City of Santa Rosa

Climate Corps

Climate Resolve

Coastal Bend Bays & Estuaries

Program

Concordia College

Conservation Corps North Bay

**Conservation Works** 

Cotati-Rohnert Park Unified School

District

County of Marin

Crecer ConCiencia

Dartmouth College

Department of Fish and Wildlife

**Disability Services & Legal Center** 

Earth Team

**Eldorado National Forest** 

**Emerald Earth** 

Environmental Discovery Center at Spring Lake Environmental

Volunteers

Federated Indians of Graton Rancheria

TO ACC

Fire Forward

Florida Gulf Coast University

Foothill College

Forest Ecotherapy

Georgia College & State University

Georgia Military College Fayetteville

Campus

Gold Rush Nursery

Grace Hudson Museum

Grant Elementary

**Grassroots Ecology** 

Greenbelt Alliance

Hahn Elementary

Healdsburg Center for the Arts

HeartWork Accessible Nature

Photography

Hidden Valley Elementary

Institute for Bird Populations

John Reed Elementary

Laguna de Santa Rosa Foundation

LandPaths

Los Angeles Community College

District

Mendocino County Fire Safe Council

Mendocino County Resource

**Conservation District** 

**Mendocino Unified School District** 

Michigan State University, Kellogg

**Biological Station** 

Mohonk Preserve

Murrieta Valley Unified School District

Napa County Resource Conservation

District

National Resource Conservation

Service

New Jersey Institute of Technology

North Bay - ALERTWildfire

North Bay Children's Center

North Bay Forward

North Coast Regional Water Quality

Control Board

Occidental Arts and Ecology Center

Old Adobe Union School District

Orchard View School

Organization of Biological Field

Stations

Pacific Gas & Electric Company

Pacific Watershed Associates

Pepperwood Preserve

Phytosphere Research

Pollinator Partnership

Prospect Silicon Valley

Rancho Adobe Fire District

Récolte Energy

Redwood Forest Foundation Inc

**Richard Crane Elementary** 

Rider University / Princeton University

Rincon Valley Union School District

Russian River Watershed Association

Sacramento Municipal Utility District
San Francisco Estuary Institute

San Mateo County Community
College District

Santa Rosa City Schools

Saved by Nature

Skukuza Research Station-Organization for Tropical Studies

So Co Agricultural & Open Space District Silicon Valley Clean Energy

So Co Fire & Emergency Services

So Co Office of Recovery and Resiliency

So Co Regional Parks

So Co Sheriff's Office

So Co Technical Services

Sonoma Birding

Sonoma Mountain Preservation

Sonoma Water

Sons in Retirement

Southern Nazarene University, Quetzal Education Research Center

State University of New York

State Water Resources Control Board Sustainable North Bay

The Energy Coalition

The Nature Conservancy

Trione-Annadel State Park

UC California Naturalist Program

**UC Davis** 

UC Davis John Muir Institute of the Environment

UC Davis-Bodega Marine Reserve

UC Master Gardener Program of Sonoma County

UC San Diego

**UC San Francisco** 

UC Santa Barbara, Marine Science

**UC Santa Cruz** 

UCCE, Humboldt and Del Norte Counties

**UCCE**, Mendocino County

UCCE, Sonoma County

**Ukiah Unified School District** 

Undergraduate Field Experiences Research Network

United States Department of Agriculture

University Elementary at La Fiesta

University Nevada Reno

University of Houston

University of North Carolina

University of Richmond

University of San Francisco

University of Wisconsin Oshkosh

Valor Classical Christian Academy

Virginia Eastern Shore Land Trust

Watsonville Wetlands Watch

Weber State University

West Side Elementary

Yorkville Community Benefits Association

#### **FACULTY**

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Derek Girman, Biology

Eric Hongisto, Photography

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Owen Afinson, Geology

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Scott Severson, Physics

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# Healthy planet. Healthy you.

To build a healthy future for planet and people, we need to make some big changes.



Let's turn education into action.

Your contribution helps build a healthy North Bay for everyone.



Galbreath Preserve 3,670 acres

**Osborn Preserve** 450 acres

Los Guillicos Preserve 40 acres

## **Environmental**readiness for all



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