

# TRANSFORMATION

*Executive Summary*





# ABOUT TRANSFORMATION LLC

## *Our Mission:*

*Create, structure and execute sustainable impact investments :*

*Preserve the planet and provide better resources for all people.*

## *How We Do It:*

**Contribute strategic advice and capital to clients in exchange for equity in companies and projects:**

*Invest at the convergence of technology with energy, water, agriculture and healthcare.*

## *We Have Performed:*

**Greater than 25% Annual Increases in Net Asset Value in Each of Our First 5 Years**



# THE GOALS OF OUR FOUNDATION

Our initiatives are both sustainable and highly profitable



## **PRESERVE OUR PLANET**

Our resources are limited, so we must find solutions that will preserve our planet efficiently.



## **PROVIDE FOR ALL PEOPLE**

Our population is growing exponentially, and we must feed, house, and provide energy and water sustainably for our future together.



## **IMPROVE OUR PROCESSES AND EFFICIENCIES**

For better impact, greater system efficiency and higher returns.



# OUR HISTORY OF SUCCESS





# MEET OUR FOUNDER



## **DR. WALTER LEO SCHINDLER**

### **FOUNDER, CHAIRMAN & CEO OF TRANSFORMATION LLC**

Walter Schindler took courageous action to change the way we finance energy in 1999 when he started one of the first venture capital firms focused on cleantech and sustainability.

Schindler is internationally known for the path-breaking work he did as a corporate lawyer, as the lead strategic advisor in over 60 mergers and acquisitions and 11 IPO's, and then and now he is passionate about changing the world's processes in energy, water, agriculture and healthcare to become more efficient, and better for the environment and better for all people.

After many years of experience, Schindler decided there was more creative work to be done in transforming the world at the convergence of technology and global resources, and so he has created Transformation:

<https://www.transformationholdings.com/>



# STRATEGIC & LEGAL ADVISORY SUCCESS

## PIONEERING LEGAL ADVICE IN ENERGY

Lead Advisor **IPO UltraSystems Inc.** (1985 #1 performing NASDAQ Stock); advised first renewable power developer.

## ADVISORY IN LEADING TECH

Pricing strategy: **IPO of Callaway Golf** (1992); advised the founder of **New Horizons**, now the largest computer training company in the world.

## INVESTING IN THE FUTURE

First investor in many renewable technologies; **co-led 3 US Trade Missions to Europe on Clean Energy & Sustainable Investment.**

1980's

1989

1990's

1995-1999

1999-2018

## ADVISOR FOR RENEWABLES

Advised **first co-generation projects** in industry for generation of power from waste steam.

## PRIVATE HEDGE FUND

Co-Founder and Manager of private **hedge fund with 56% IRR** in public securities investments; directed all purchases

# FOUNDER'S TRACK RECORD



10X

RETURN from  
\$200,000 to  
\$2M

1988 - 1998

Fidelity Investments self-directed account, resulted in 10 X cumulative return over 10 years.



56%

IRR on Hedge Fund  
\$10M to \$44M  
Realized Net  
Profit  
\$34 Million

1995 - 1998

Co-Founder of hedge fund  
Aeneas Investments LLC.



+26.7%

IRR of SAIL II  
2008-2011  
Vintage 2008

2008 - 2011

SAIL Capital Partners LLC  
**Top Quartile Performance**  
during years of founder  
management based on **EY**  
**Annual Audits.**



# HISTORY OF STRATEGIC PARTNERSHIPS



Bank of America  
Merrill Lynch



FLUOR

VEOLIA

Morgan Stanley



DUPONT

bp



CREDIT SUISSE



Northern Trust

JPMorgan



Dominion

usbank



# THE TEAM





# Chairman & CEO – Walter Leo Schindler



## **Duties:**

- Vision, Leadership, Strategy, Capital, Mergers & Acquisitions

## **Education:**

- BA, MA, PhD, all with honors, Yale University
- JD, with honors, Harvard Law School
- Fulbright Scholar, Italy
- Bates Fellow, Clare College, Cambridge University

## **Experience:**

- World Economic Forum
- Board of Directors, Fulbright Canada Foundation
- Leader of 3 U.S. Trade Missions to Europe on Clean Energy & Sustainable Investment
- Co-lead with Deutsche Bank on the first US Trade Mission to Europe on Sustainable Investment
- Strategic Advisor in over 70 mergers, acquisitions, and IPOs including Ultrasystems, PIMCO, Callaway Golf and RemedyTemp
- Represented Robert Emmett McDonough in the gift and naming of the McDonough School of Business, Georgetown University
- Chief Executive Roundtable – UC Irvine



# Managing Director – William J. Brooksbank



## **Duties:**

- Energy & Pipeline Projects & Technology Opportunities; Arizona, Texas, California

## **Education:**

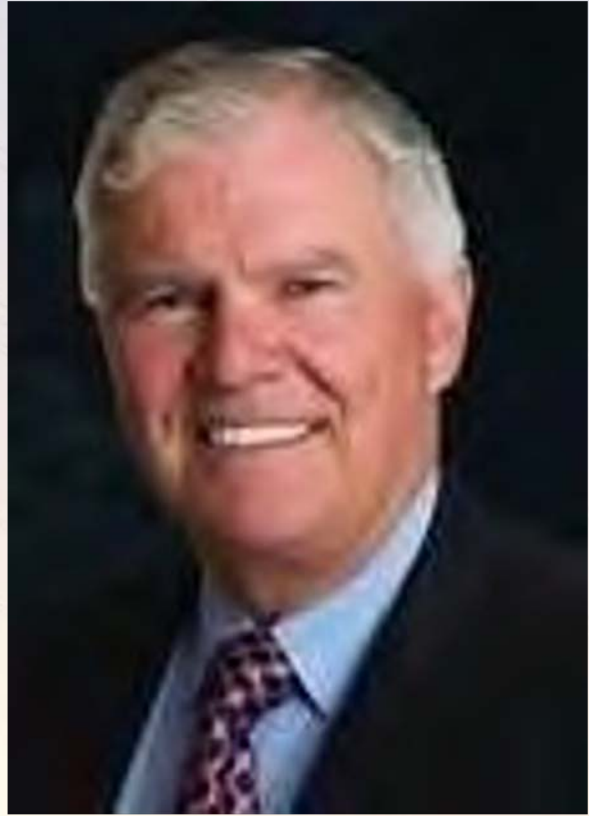
- MBA, Harvard Business School
- Bachelor of Mechanical Engineering, Georgia Tech

## **Experience:**

- Extensive experience in energy and pipelines with expertise in management, business development, marketing and evaluating potential acquisitions and investment strategies
- Led a global business unit at Honeywell that provided turnkey automation systems and services to the oil and gas pipeline and gas utility industries.
- Developed a multi million-dollar gas pipeline in the U.S for a \$10 billion oil & gas company, identified and developed capital investment projects and evaluated potential acquisitions and divestitures
- Managed business development activities for all gas gathering systems and gas processing plants in West Texas and New Mexico



# Managing Director – Jim Rollans



## Duties:

- Corporate Finance, Energy, Communications

## Education

- BSc, Finance, University of California, Irvine
- Attended 3 MBA programs: USC, Rutgers, George Washington University

## Experience

- Fluor Corporation (Ret.) EVP, CAO, CFO and Fluor Board of Directors.
- President and CEO (Ret.) Fluor Signature Services, Inc., a global subsidiary of Fluor Corporation
- Prior to Fluor: Senior Executive positions with Dart & Kraft, Chase Manhattan Bank, BF Goodrich, Singer Corporation
- Currently serving on two boards: one public and one private
- Advisor to three other companies
- Active private investor



# Managing Director - Lee C. Tashjian



## Duties:

- LNG Project Development, Infrastructure Communications
- Relationship with DuPont
- Liaison with World Economic Forum (WEF)

## Education:

- BA in Political Science, The Ohio State University
- Graduate Study in Journalism, The Ohio State University

## Experience:

- 30 years of international public affairs, corporate and employee communications, investor and Government relations, marketing and advertising
- World Economic Forum
- Led these functions as a senior executive of DuPont, Atlantic Richfield and Fluor Corporation
- Since 2003, led corporate initiatives within the World Economic Forum focusing on climate change and anti corruption, and as part of the G20/B20 task forces on anti-corruption
- During the French, Mexican and Turkish host years of the G20/B20, Tashjian chaired the work of the B20 task force on anti-corruption on behalf of Fluor Corporation's Chairman and CEO.



# Managing Director, Canada – David Fransen



## **Duties:**

- Healthcare, Energy, Government Relations, Canada

## **Education:**

- PhD, University of Toronto
- MA, University of Waterloo
- BA (Hon) University of Waterloo
- BTh, Canadian Mennonite University

## **Experience:**

- 40 years as senior executive in government, diplomatic corps, and academia
- Senior Officer on the environment at the Privy Council
- Chair of the Waterloo Innovation Summit
- Board member - Waterloo Economic Development Corporation; Quantum-Safe Canada
- Special advisor to the President of the National Research Council
- Consul General of Canada, Los Angeles
- Executive Director of the Institute for Quantum Computing, University of Waterloo
- Assistant Deputy Minister, Policy - Industry Canada



# Managing Director, Energy – Ed Hirs



## **Duties:**

- Solar and Energy Technologies; Houston, TX

## **Education and Professional:**

- BA with honors and Distinction, MA Economics, MBA, Yale University
- Chartered Financial Analyst (CFA)

**Publications/Papers/Televised Media:** Completed over thirty authorships, papers and publications; quoted extensively across the world on energy markets

## **Experience:**

- Internationally renowned expert and economist in all forms of energy
- Managing Director, Hillhouse Resources LLC, an oil and gas company
- Partner and CFO, DJ Resources, early shale oil developer building 166,000 multiple cash returns
- Co-Founder of independent power producer—sold to primary investor acre DJ Basin position at high
- Principal of Hirs and Company, Houston, Texas investment banking firm, acquired Niven Associates in successful buyout; advisor on more than \$2 billion of transactions
- Consultant, DOE Office of Conservation & Solar Energy, and Mobil Oil



# Special Advisory Board Member, Energy – John Hofmeister



## John Hofmeister, former President of Shell Oil Company (in memoriam)

- Upon retirement as President of Shell Oil Company in 2008, Mr. Hofmeister founded and was head of the not-for-profit membership association, Citizens for Affordable Energy.
- Business leader who has held senior executive leadership positions in General Electric, Nortel and AlliedSignal (now Honeywell International).
- Served as the Chairman of the National Urban League, and remained on the board. He also served as the Chairman of the U.S. Department of Energy's Hydrogen and Fuel Cell Technical Advisory Committee.
- Served as non-executive Director of Applus+ Services, Barcelona; and Loneer Ltd, Sydney and Strategic Partners, Washington DC.
- Hofmeister is a Fellow of the National Academy of Human Resources.
- He also is a past Chairman and serves as a Director Emeritus of the Greater Houston Partnership. He is the author of *Why We Hate the Oil Companies: Straight Talk from an Energy Insider* (Palgrave Macmillan, 2010).
- Hofmeister serves as a **Wrigley Scholar/Executive in Residence in the Global Institute of Sustainability at Arizona State University**. He is also a Lecturer at the University of Houston and at Kansas State University.



# Managing Director, New York City – Samuel O.J. (“Jock”) Spivy

## Duties:

- **Strategy, Marketing, Communications**

## Education:

- BA, magna cum laude, Departmental Honors, English Literature, Yale University
- MA, English Language and Literature, Oxford University

## Experience:

- **Digital:** Co-Founder, Interactive Bureau, LLC. Built first web sites for Discovery Channel, USA Today, Bristol-Myers Squibb, Barnes & Noble, McKinsey & Co., Rogers Communications (Toronto). Redesigned intranets for IBM and Microsoft.
- **Consulting:** Managing Director, Mishkin Associates (provided strategic consulting services to Gannett, Hearst Newspapers, McClatchy, Tribune Publishing, the Newspaper Association of America, and AP). Consultant in marketing, membership, and communications to the J. Paul Getty Museum, the Museum of Modern Art, and the Cooper Hewitt Smithsonian Design Museum.
- **Print:** General Manager, Lorimar-Telepictures Publications (largest publisher of entertainment-based magazines for kids, 6 million paid circulation). Subscription Marketing Manager, Rolling Stone (subscriptions grew 50%, from 400,000 to 600,000).





# Managing Director, Germany – Paula Helene Golka



## Duties:

- Supporting International Operations, Research and Analysis, Marketing and Website Content Initiatives

## Education:

- BSc Business Administration, Ludwig-Maximilians University of Munich, Germany
- Globalization Program, Venice International University, Venice, Italy
- MSc International Marketing and Management Candidate, Copenhagen Business School
- Programme Grande École, Exchange, EmLyon, Lyon, France
- Currently pursuing an M.D. at TUM Munich & LMU Munich, Faculty of Medicine

## Experience:

- Worked in change management consulting
- Pursued research at the intersection between economics and medicine
- Co-wrote a business plan for a healthcare startup in Munich
- Coordinated a new roundtable for millennials in the workplace
- Supported research at the institute for market-based management at the Munich School of Management
- Served as an elected student representative at the Ludwig-Maximilians University



# Special Advisory Board Member, Strategy - Lt. General David A. Deptula (Ret.)



## **Duties:**

- Strategic interface with U.S. Government; Washington D.C., Virginia

## **Education:**

- BSc, Astronomy, University of Virginia
- MS, Systems Engineering, University of Virginia,
- MS, National Security Strategy, National War College

## **Experience:**

- Joint Force Air Component Commander (JFACC) for Operation Unified Assistance, the South Asia Tsunami relief effort
- Standing JFACC for the entire Pacific Command
- First Deputy Chief of Staff for Intelligence, Surveillance and Reconnaissance at Air Force Headquarters
- Pioneer of unmanned aerial vehicles (UAV's or "drones")
- Dean of the Mitchell Institute for Aerospace Studies in Arlington, Virginia
- Senior Military Scholar U.S. Air Force Academy
- Top 100 most influential people in U.S. defense by Defense News Magazine 2014



# Managing Director, Paris , Blockchain – Omar Habbal



## **Duties:**

- Telecom, Fintech, Blockchain & Energy Technology Opportunities; Arizona, California, Morocco, France, Middle East

## **Education:**

- MBA from IAE Metz, France
- Master's of Computer Science from University of Metz-Nancy, France

## **Experience:**

- Former CTO of the Saudi Arabian Monetary Agency (SAMA)
- Former Global Head of Electronic Payments at Schlumberger
- Technical expertise in financial payment and EFT, Europay, MasterCard and Visa (EMV) interoperability for smartcard transactions, smartcard technology, M2M and Internet of Things, SmartCity Design, eHealth, mobile communications and security (PKI, PKCS, and PCI)
- Orange Business Services in Dubai, M2M Group in Paris, and Innovatron in Paris
- International thought leadership in Blockchain



# Managing Director, Agriculture – Jim Padden



## Duties:

- Global Agriculture and Value-Added Food Projects & Expansion; Agriculture Fund Advisory

## Education:

- BA, UC Santa Barbara
- MBA, University of Southern California

## Experience:

- President and CEO and founder, Your Way\*Fresh - fruit and vegetable processor, distributor, and sourcing platform
- Senior VP, Ventura Foods, LLC, an industry leader in the manufacture of salad dressings, edible oils, marinades, and other flavor delivery systems to major food retailers and foodservice operators
- CEO and founder of Central California Vegetable Growers Cooperative in Salinas, CA. Successfully managed crop production to mirror demand...raising per acre returns for member grower/shippers
- COO at Sunkist Growers, world-wide citrus grower operations. Ran all day to day activities
- President and founder of FJ Foodservice a "ready to eat" produce and meat processing operation



# Managing Director, Research and Analysis – Lea Juliet Goldstone



## Duties:

- Research and Analysis, Authorship of Articles, Content Publication ( on leave of absence for law school )

## Education:

- BA History with International Affairs emphasis, University of Wisconsin-Madison
- JD Candidate Class of 2024, Loyola University School of Law

## Experience

- Associate Intern for the International Law Institute in Washington, DC
  - Prepared and compiled coursework for legal certification classes
  - Focus Areas: contract law, arbitration and mediation, and statutory law for international clients
- Student Researcher at Gilroy Lab
  - Analyzed effects of spaceflight condition simulations on plant growth viability through multi-departmental collaboration

## Publications:

- “Rising Sea Levels: Causes and Consequences”
- “Expansion at the Poles: Impacts of Growing Shipping and Tourism”
- “Guyana Energy, Renewable and Non-Renewable: An Emerging Market”
- “Ocean Acidification (OA) Effects on Global Environments and Markets”
- “Wildfires at Home and Abroad: Significant for Climate Change Investors”



# Director, Food & Agriculture – Catherine Webb



## **Duties:**

- Sustainability Related Research and Analysis, Content Creation and Writing

## **Education:**

- BS Yale, Environmental Science and Fine Art

## **Experience:**

- Yale student with a focus in Agricultural Climate Change Mitigation, Global Food Challenges, Field Science: Sustainability.
- Seed-keeper and Programs Liaison for the Yale Sustainable Food Program/Native American Cultural Center in New Haven, CT for 2 years
- Diversity, Equity and Inclusion at The Ecological Center, Orange County



# Managing Director, London – Louise Bean



## **Duties:**

- Special projects partner and coordinator with wealthy European families; based in London

## **Education:**

- Ashdown Academy , Kings College London, Event Management and Marketing Communications
- Hertford Regional College, Advanced GNVQ, Advanced BTEC

## **Experience:**

- Founder and CEO of Rosella Aviation Management Co. (private jets)
- Luxury Aviation and Event Management
- 10 years Virgin Atlantic Promotions Specialist
- Event Coordinator 2Excel Aviation Ltd – responsible for corporate events of over 1,000 guests
- Event and Marketing Manager, Rosella Elite Event Management working from conception to completion; Team Leader for UN Association “We the Peoples Film Festival” Launch – London, UK



# Managing Director, Middle East – Khalid Mirza



## **Duties:**

- Food, Beverage and Hospitality

## **Education:**

- Engineering Curriculum, Swedish Institute of Technology, 1997
- BSc, University of Karachi
- University of Hotel Management Institute, Houston Texas

## **Experience:**

- 35+ years of experience in managing all aspects of world-class hotel operations and resort experience spanning several countries
- Founder of the Four Seasons Hotel George V, Paris
- Extensive operations management experience
- Opened up numerous new properties
- Significant experience in analyzing financial data to aid in decision making



# Managing Director, Middle East – Radha Bhandari



## **Duties:**

- Middle East Investors, Capital Relationships

## **Education:**

- BA in Economics from Rutgers College of Rutgers University in New Jersey.
- MBA in International Business from The Zicklin School of Business (Baruch College, NY)

## **Experience and Certifications:**

- 25+ years experience in New York Wall Street Global Financial Institutions and The Dubai International Financial Center (including Bank of London & the Middle East, Permal, and Salomon Brothers) and  
Has successfully built and cemented strategic relationships for global entities, Royal families and key individuals in the region.
- CCL (DFSA) Certification in Financial Crime
- Thomson Reuters Certification in Global Financial Sanctions
- Member of The Chartered Institute of Securities and Investment as well as a U.A.E. member of WAIN and Mind Shift (Angel Investor Network)
- A featured writer and contributing editor for several global business magazines and journals



# Managing Director, San Francisco – Alexandra Kinloch



## **Duties:**

- Global Marketing Strategy & Coordination with Frost & Sullivan Investment Partners; San Francisco & Australia

## **Education:**

- Masters of Entrepreneurship and Innovation Diploma, Swinburn University, Australia
- BA in Marketing, Monash University, Australia

## **Experience:**

- Voted Top 50 Female Entrepreneur under 40 in Australia – 2014 & 2015 as CEO & co-founder of Video Cinch
- Successfully developed and launched an award winning #1 video app to iTunes(Apple)
- Principal Consultant, Frost & Sullivan, Visionary Innovation Group
- 11 years of global consultative and entrepreneurial experience in business strategy, innovation process, leadership development and marketing
- Founder, The Inside Academy, a consulting firm for inspiring entrepreneurs



# Managing Director, Mexico – Luis F. Lugo



## **Duties:**

- Energy Efficiency in Commercial Real Estate and Grocery Stores; Mexico City
- Fostering relationships in Industry, Government and Family Offices in Mexico and Colombia
- Working with leading families in Mexico

## **Education:**

- MA, International Economics, MBA, International Finance, The George Washington University
- BBA, Universidad Jose Maria Vargas, Venezuela

## **Experience:**

- Serial Entrepreneur, successfully raised over \$30MM USD for various companies; developed strong energy efficiency services applied to Oil Shale.
- Founder and CEO, PointVerde International: based in Mexico, the leading platform in Latin America.
- CEO, General Synfuels International, developed gasification technology
- Arthur D. Little, Management Consultant in the Strategy, Energy and
- BP Amoco, Economic Analysis and Strategy.



# Managing Director –Morton Irvine Smith



## **Duties:**

- Strategic Interface with Global Capital Partners and Irvine family

## **Education:**

- BA, Communications, Rhode Island University

## **Experience:**

- Member of one of California's premier landowning families (Irvine Family in Orange County)
- In 2015 named a Partner of Global Holding International LLC, a public company with offices in Irvine, California and Jakarta, Indonesia
- In 2014, named Executive Director of Clean Power Capital, LLC, and has been a partner at Regency Capital Partners, LLC in Mill Valley, CA since 2009
- Secured \$500 million in capital for PEM Group, an Orange County, California private equity firm
- Advising client companies in Transportation, Food & Beverage, Healthcare, Film Production, Energy, Commodities, and Real-Estate



# ADVISORY BOARD





# Advisory Board

## Paul Anastas

- Professor of Green Chemistry, Yale University
- Former Assistant Administrator for EPA's Office of Research and Science Advisor to the EPA
- Known widely as the "***Father of Green Chemistry***"

## Archie W. Dunham

- Former CEO of Conoco
- Retired Chairman of Conoco Phillips
- Led Conoco Phillips into renewable energy innovation
- Board of Directors of Louisiana Pacific, Phelps Dodge, & Union Pacific Corp.

## Dan Packer

- Retired Chairman and CEO of Entergy New Orleans Inc.
- National Chairman of Blacks in Energy



# Advisory Board

## Tom Fisher

- Executive Advisor to the COO/CTO of SAS Institute re: \$1B AI strategic initiative
- Former EVP & Chief Technology Officer, MapR Technologies Inc.
- Former CIO, Oracle Systems, in charge of top cloud customers
- Recognized leader in 4 phases of technology history:
  - Established eBay IT strategy to support scale and business growth
  - Built business & engineering to support QUALCOMM's semiconductor and global positioning
  - Responsible for SuccessFactors (now SAP) cloud computing strategy and execution
  - Thought leader in energy efficient data centers

## David R. Miller

- Former Mayor of Toronto, President & CEO of World Wildlife Fund
- Advisor to the World Bank and United Nations on Sustainable Urban Development
- Former Chair of the C40 Climate Leadership Group comprised of Mayors from world's leading cities



# Advisory Board

## Benson P. Shapiro & Howard Stevenson

- Faculty, Harvard Business School

## John A. Warden III

- Founder and President of Venturist, a strategy advisory firm
- Architect of Operation Desert Storm (1990-91)
- Vietnam combat pilot, whose strategic work has been credited by Gen. Norman Schwarzkopf and Gen. Colin Powell, Chairman of the Joint Chiefs of Staff, as the principal architect of the Desert Storm Air Campaign
- Served as an Air Force fighter wing commander and Special Assistant to the Vice President of the United States



# Advisory Board

## Admiral Russell “Russ” Penniman IV, Rear Admiral US Navy (Ret)

- Served as Reserve Deputy Commander/Deputy Commander & Chief of Staff for the U.S. Pacific and Deputy Commander for the U.S Third Fleet (1994-2014)
- Board Member, Former President of the 22<sup>nd</sup> District Agricultural Association of California
- Former Board Member of The Irvine Museum and The Joan Irvine Smith & Athalie R. Clarke Foundation

## Philippa “Pippa” Burke

- Executive Director of Common Purpose US, the US subsidiary of Common Purpose UK, which is based in London, but international in scope and delivers a range of leadership programs for individuals, organizations, and universities, with a focus on inspiring and equipping people to work together across boundaries.



# Advisory Board

## Gregory L. Frank

- Former VP and Operations Manager for Defense & Security and General Manager for Defense & Security for Bechtel National, Inc. (National Security)
- Former Executive Vice President for Battelle Science and Technology International (BSTI)
- Former COO South Carolina Research Authority (SCRA); public 501(c)3 R&D corporation established in 1983 with revenues greater than \$170 million in 2010
- Former Manager Director, Chart Capital Partners

## Susanne Bregy

- European private equity advisor who started focusing exclusively on impact investing a decade ago
- Head of Impact Investing at PHINEO gAG
- Founder and Managing Director of Rhodanus Capital Ltd., an early pioneer in impact investing
- Has worked with numerous leading family offices and investors
- Has guided emerging and established asset managers on the subject of impact investing
- Vision: to bring impact investing into the mainstream of global investment



# Advisory Board – Artificial Intelligence

## Patrick A. Ciganer

- Multiple Senior Executive Service (SES) level appointments at NASA, DOE, and the National Geospatial-Intelligence Agency
- Early first mover and former EVP at **In-Q-Tel**, devoted to technology supporting national security
- Significant private sector executive experience in real time data collection, analysis and distribution including expert system design and indepth cyber security development technology areas.
- Recipient of NASA Leadership Medal and DOE/NNSA Distinguished Service Award
- Member, American Geophysical Union (AGU), Institute of Electrical and Electronics Engineers (IEEE), American Association for the Advancement of Science (AAAS).

## Dr. Thomas J. Bogdan, BS, PhD

- Experienced Physical Scientist, Research Administrator, Educator & Communicator
- Former President of University Corporation for Atmospheric Research, Senior Executive Service appointee at the National Oceanic & Atmospheric Administration, and Program Director with the National Science Foundation
- Current Advisor for the Denver Museum of Nature and Science, the Museum of Boulder, and the National Solar Observatory



# Advisory Board – Artificial Intelligence

## Dahl Winters

- Leader in science R&D and technology initiatives: big data, artificial intelligence, and innovation strategies for R&D
- Founder of DeepScience, Ltd., providing AI for Agriculture solutions; fulfilling R&D and innovation needs of multinational companies in resource security (protection of water assets through cybersecurity), prediction of crop yields, CO2 sequestration
- Former chief technology officer for Optar AI, serving the UAS/image analytics space with proprietary deep learning algorithms for anomaly detection
- Former Geospatial Big Data Architect at Monsanto
- Former R&D Scientist at a major satellite imagery and analytics company, DigitalGlobe, (now Maxar Technologies)

## Zaheer Ali

- Leading Scientist, Manager, Scholar, Author and Thought Leader in advanced Artificial Intelligence solutions, lasers and imaging systems and risk and security solutions and sustainable prosperity at:
- NASA's Stratospheric Observatory for Infrared Astronomy (SOFIA), Universities Space Research Association (USRA), National Center for Nuclear Security, Lawrence Livermore National Laboratory, Material Mind (founding executive), AIXIA Global (founding executive), developer of materials, devices and system level solutions for the US, DOE, DOD, DARPA, NSA and NASA.



# CONTACT

## Transformation, LLC

[wschindler@transformationholdings.com](mailto:wschindler@transformationholdings.com)

<https://www.transformationholdings.com>