

# The Future of Technology-2020 and Beyond

Technologies that are Bringing Fundamental Changes to Society, Education,  
Consumers, Your Business, Your Health and Safety

**A 2-Hour Seminar for Parents, Students & Educators**

## The Societal Impact of Technology

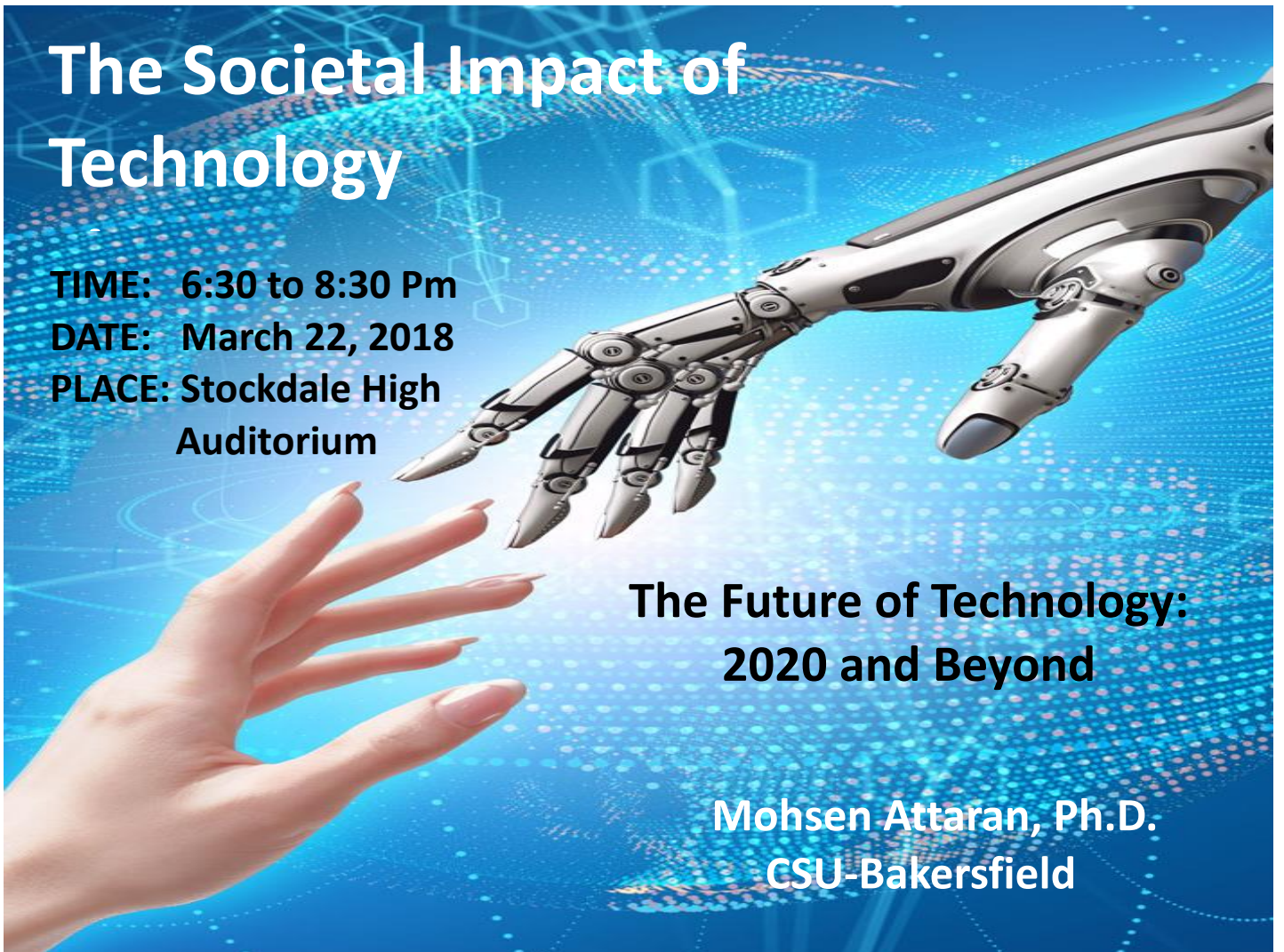
**TIME: 6:30 to 8:30 Pm**

**DATE: March 22, 2018**

**PLACE: Stockdale High  
Auditorium**

**The Future of Technology:  
2020 and Beyond**

**Mohsen Attaran, Ph.D.  
CSU-Bakersfield**



## **Why This Seminar?**

This seminar discusses the newest breakthrough technologies (IoT, 3D and 4D Printing, Cloud Computing, Artificial Intelligence, Drones, Robotics, Augmented Reality, Virtual Reality, Business Intelligences, Business Analytics, Machine Learning, Big Data, etc.). The presentation discusses potential strategic benefits of these technologies as well as their risks and limitations. It highlights their evolving technologies and trends and their impact on the world of tomorrow. The seminar discusses effects of these technologies on banking, financial institutions, education, manufacturing, auto industry, healthcare, cities, farming and agriculture, environment, energy, and others.

## **How You Will Benefit**

This is an excellent opportunity for students and parents seeking to broaden their knowledge on current trends in the technological expansion of the use of Internet in businesses and industries. Students and parents can use the information and resources provided in this seminar to gain insights and formulate strategies for seeking college education and choosing college majors.

- Familiarize you with the newest technologies that are shaping your work environment and the future of the world
- Bring awareness and educate you regarding technologies that are changing banking and financial industry
- Show you how technology developments on the near horizon will crush the jobs of millions and what those jobs are
- Show you why Millennials are the largest and wealthiest generation in the US and implications of that for the economy
- Teach you how these technologies Improve your quality of life, Healthcare from anywhere, better safety, security and productivity
- Help you to understand economic impact and growth that will results from these breakthrough technologies- Billions of dollars in savings and new services, and new jobs
- Show you how we will have a better environment - Saves natural resources and trees, helps in creating a smart, greener and sustainable planet

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## **Presentation style**

The seminar includes animations, videos, and hands-on demo of these technologies.

## Extended Description

- The Evolution of Technologies (IoT, 3D and 4D printing, RFID, Autonomous Vehicles, Flying Vehicles, etc.)
  - The key component of the IoT, and 3D Printing
  - Evolving Related Technologies and Trends & Their Impact on the World of Tomorrow:
    - Augmented Reality
    - Virtual Reality
    - Artificial Intelligence
    - Singularity
    - Business Intelligence
    - Big Data Analytics
    - Edge Computing
    - Embedded Analytics and Machine Learning
  - Financial Services and Banking
  - Potential Economic Impact - A New Source of Wealth Creation
  - Potential Impact on your Company, Your Health and Safety
  - Stock Market Windfall - Technology Companies That Are Ready to Spin off Huge Windfalls
  - Privacy Issues, Cyber Security, and Government Regulations
  - Common Uses of IoT in:
    - Manufacturing- Industrial Internet of Things (IIoT)
    - Healthcare Industry
    - Smart Mobility and Smart Transport- Internet of Vehicles (IoV)
    - Precision Agriculture
    - Smart Logistics and Retail
    - Smart Buildings and Smart City
    - Financial Services and Banking
    - Education
    - Wearable Devices
    - Smart Food/Water Monitoring
    - Environment Monitoring
    - Smart Energy – Internet of Energy (IoE) and the Smart Grid
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## Biography

Mohsen Attaran is the [2004-05 Millie Ablin Outstanding Professor of Management](#) at California State University, Bakersfield. He obtained his Ph.D. in Systems science with specialization in Operations Management and Business Forecasting from Portland State University. He is the author/co-author of three books, over 100 papers, and ten commercial software packages. His research has been widely published in the major professional journals in his field such as the *Journal of Business Research*, the *Journal of Systems Management*, *Business Horizons*, *Information & Management*, *Quarterly Journal of Business and Economics*, *Industrial Management*, *Quarterly Review of Economics and Business*, and *Applied Economics*. He has taught in the Europe, and the Middle East, and was a three-time recipient of the Meritorious Performance and Professional Promise Award for outstanding performance in teaching, research and community services. In 2006 and 2016 he was nominated by CSU-Bakersfield for [Wang Family Excellence Award](#) and in 1996 he was honored as recipient of the [El Paso Natural Gas Faculty Achievement Award](#).

Professor Attaran has been a consultant for public and private organizations and has conducted numerous in-house workshops and seminars for Fortune 1000 companies including Chevron Western Business Unit, Shell Oil Co., Texaco USA, Arco Oil and Gas, Phillips Laboratory, Mission Energy, and Bechtel. He is the founder and president of IES, Inc. a web and Mobile App development company with more than 4,000 clients in 48 states. As an entrepreneur, he has launched few ventures including a Telehealth Doctor Visits; a subscription based virtual business, and a non-profit organization with the aim of closing the gender gap in coding.