

TUCSON TARIAN

Wed Apr 17, 2013

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Service Above Self

*We meet WEDNESDAYS, 12:00 NOON - 1:20 PM
DoubleTree Hotel
445 S Alvernon Way
Tucson, AZ 85711
United States*



[Venue Map](#)



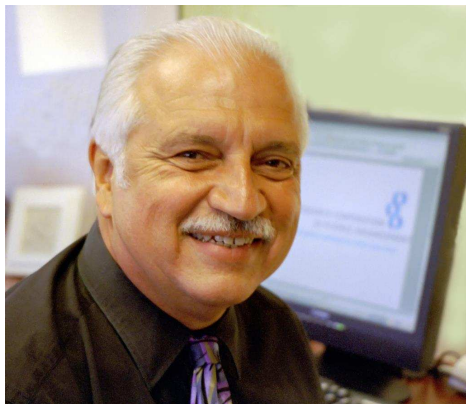
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"Challenges of the Future Require Innovation in Science Education and Research"

Posted by Yvonne Ervin on Apr 11, 2013



The increasing complexity of science is leading to the exploration of new models for large-scale collaborative research. This 'Big Science,' 'Convergent' approach, however, has created anxieties and potential tensions between investigator-driven research, and research guided by a more organized, collaborative effort. That noted, the work of coordinated multidisciplinary groups to solve complex problems can be an important way to harness the creativity of individual investigators, stimulate innovation, and supply the infrastructure, experimental systems, and resources needed to solve complex and important science problems. The Convergence revolution is a paradigm shift that will require a broad rethinking of how all

scientific research can be conducted." "Convergence" also demands a new approach to science education such that future scientists are more willing and adept at entering unique collaborations (with scientists and non-scientists alike) to solve the scientific puzzles of today, and in the future. In this talk, we will show some Convergent models involving the science of running insects, gecko toes, and engineering to not only demonstrate the ease with which such collaborations can and do work, but also how students can become the Convergent Scientists of the future.

Jim Gentile, Ph.D is the former President of Research Corporation. He comes to Research Corporation most recently from Hope College in Holland, MI where he held an endowed professorship in biology and served for 12 years as Dean for the Natural Sciences. Jim received his B.S. degree from St. Mary's University in Winona, MN, and his M.S. and Ph.D. degrees from

Weekly Program

Apr 17, 2013

[Dr. Jim Gentile](#)

Challenges of the Future
Required Innovation in Science
Education & Research

Apr 24, 2013

[Command Chief MSGT Dawna Knota](#)

The Flight Path of a Female in
the Air Force

May 01, 2013

[Lisa Hopper](#)

Dare to Dream

May 08, 2013

[Tom Wiggin](#)

PHRs - The Future of Healthcare

May 15, 2013

[Will White](#)

Land and Homebuilder Market
Overview

May 22, 2013

[Mike Anderson](#)

Great American Race

May 29, 2013

[Greg Byrne](#)

Status of Arizona Athletics

Jun 05, 2013

[Laura Penny](#)

How Much is Enough? The AZ
Self-Sufficiency Standard

Jun 12, 2013

[Joe Prewitt](#)

The 100th Year of Rotary in
Arizona

[View entire list...](#)

Illinois State University. He spent two years in postdoctoral studies in the Department of Human Genetics at Yale School of Medicine before assuming his previous position at Hope.

His research has focused on the role of metabolism in the conversion of natural, and xenobiotic, agents into mutagens and carcinogens. He and his colleagues were the first to define the processes through which plant systems use their unique biochemistry to metabolize agents into carcinogens that can affect humans, and he also conducted a major research initiative targeted toward gaining an understanding of the role of chronic inflammation in mammals and cancer causation. Among his many awards he has received Medallions of Scientific Achievement from the National Cancer Institute of Japan and from the Provincia Di Pisa, Italy; the Alexander Hollaender Research Excellence Award from the Environmental Mutagen Society; and has been named an AAAS Fellow.

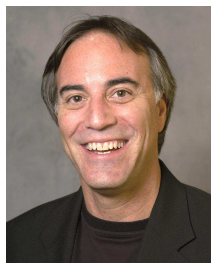
He is a former member of the Science Advisory Board for the U.S. EPA and of the State of Michigan Hazardous Waste Site Review Board. He is a National Associate of the National Research Council (NRC), where he has served as member of the NRC Life Science Board, Committee on Undergraduate Science Education, and served as a Consultant to the Committee focused on Research at the Interface of the Physical and Life Sciences. He also played a leadership role in the highly praised NRC publication *Biology 2010: Transforming Undergraduate Education for Research Biologists*. He currently is a member of the Board of the Arizona Cancer Center, the College of Science at the University of Arizona, and the Southern Arizona Leadership Council.

During his career he has had the opportunity to work with over 120 undergraduate students in collaborative research in his laboratory and has authored more than 150 research articles, book chapters, book reviews and special reports in areas of scientific research and higher education. Jim currently writes Blogs for the Huffington Post.

Mystery Editor April 10

Posted by Ed Mystery on Apr 11, 2013

PAT ZUMBUSCH opened the meeting with the invocation followed by LESLIE GALLOWAY leading the pledge and song.



After lunch, JUDY KEAGY introduced guests and visiting Rotarians. We celebrated birthdays with ELLEN WHEELER, DICK DOBRIN, and JAY ZUCKER. DICK shared a great quote about birthdays, "Today is the oldest you've ever been and the youngest you'll ever be." Have to think about that one for a

moment....

KEVIN WONG led the announcements. MARCIA KRUMWIEDE promoted the Community Food Drive and MIKE ORCUTT announced an upcoming STAR program.

It was a short announcement time to give more time for the Club Assembly portion of the meeting. For the Club Assembly there were some great table discussions about our meeting location, member engagement, membership, meeting structure, and programs. It will be interesting to see what the overall outcome of the discussions is. Stay tuned for more information, I guess...

JIM LUBINSKI ended the meeting with a social media conversation with Paul Harris. Mr. Harris was very complimentary of JOE PENNINGTON and a bit concerned about ROGER HARWELL's attendance...

Clarke Russell Duncan - A Life of Service

Posted by Jerry Harris on Apr 11, 2013

Upcoming Events

STAR Meeting

El Parador Restaurant
Apr 25, 2013 06:00 PM - 08:00 PM

Rotary/Goodwill Clothes Closet Cleaning

Doubletree Hotel Parking Lot
May 08, 2013 11:00 AM - 02:00 PM

Rotary Night at the Padres

Kino Sports Park
May 24, 2013 07:05 PM

Change of Leadership Party

Jul 06, 2013 05:00 PM - 10:00 PM

Board of Directors

President
Jim Lubinski

President Elect
David Gallaher

Past President
Joni Condit

Treasurer
Phillip Gutt

Secretary
Ellen Patterson

Sargeant-At-Arms
Kevin Wong

Director
Clifford Bowman

Director
Irene Decker

Director
Thomas Andrews

Director
Alan Schroepe

Director
Gary Hirsch

Director
Drew Vactor

Our Sponsors





Clarke Russell Duncan has lived a life of service. From Okinawa to Tucson, he has distinguished himself by personal sacrifice, vision, compassion, and athletic achievement. Clarke Russell Duncan grew up in Phoenix. In high school, his dream was to play professional baseball. He was a third baseman and his talent was a given. Before he could realize this dream, he was called into military service. There was a war going on. After excelling in training for the U.S. Corps of Engineers, he earned the rank of Second Lieutenant at the age of nineteen. He was the youngest person to achieve that rank in the history of the armed forces. His job designation was Combat Platoon Leader. He was building Bailey Bridges across rivers and building roads through the jungle on the island of Okinawa during the heaviest fighting. The highest casualties in the Pacific occurred at Okinawa. One night in the jungle, Clarke was wounded by a mortar round that hit a nearby rock. A piece of shrapnel struck Clarke in the leg. He reached

down and found part of the shrapnel protruding from his leg and pulled it out but kept on trying to find a bulldozer to help him with the road building. He refused medical aid because he wanted to finish building the roads and bridges that would allow our troops to advance through the jungle. He was awarded the Purple Heart. Clarke dismisses the medal and is more proud of the bridges and roads he helped build.

After returning to Phoenix and completing junior college, Clarke committed to come to the University of Arizona on a baseball scholarship that was offered to him by Pop McKale while he was still in high school. Leon Blevins was a friend of Clarke's. He wavered in his commitment to come to the University of Arizona. Clarke took Blevin's bags and threw them in the trunk of his car, locked it, and told Blevins, "We're going to Tucson." Clarke and Leon are now both in the University of Arizona Hall of Fame. Clarke was also named to several All -American teams for his play at third base. After graduating from the University of Arizona in 1951, Clarke Duncan played baseball for several years then settled down with his wife, Shirley, a Kansas native. They have two grown children and have been married 62 years.

His life of service was just beginning. While pursuing a distinguished career in life insurance, Clarke balanced a professional career with community service. Loyal to the University that had given him a scholarship; Clarke served in many capacities and made a crucial decision that is responsible for much of the growth of the University. Soon after graduation, he joined the Arizona Towncat Foundation. The Foundation was founded in the late 1920's. The Foundation was the chief fundraiser for the University Athletic Department and Clarke was the chief fundraiser for over ten years. But he saw a better way to raise money and after meeting with sixteen major college fund developers, he was able to convince the Foundation's membership to relinquish their fund raising responsibility to the University in an effort to modernize athletic fundraising at the University. As a result, the Wildcat Club was organized in 1971 and the Foundation was dissolved. The University made tremendous advances in fund raising as a result of this change.

Clarke was actively involved in the University sports program for over fifty years. Joe Nevin recalls looking for Clarke at the scoring table at every game he attended until Clarke retired from the position of Basketball Official Scorekeeper after forty-two years of service. Joe said it gave him comfort to look down and see a fellow Rotarian at the scorer's table. He said, "When I saw Clarke, I knew things would be done right." Clarke also worked as a track and field official for thirty-one years. In 1970, the University recognized his dedication and presented him with their highest honor, the Alumni Service Award. He has also received the University of Arizona Distinguished Citizen Award, the Letterman's Appreciation Award twice, the Bridge Builder Award, the T. Bruce Huffman Award, and the Al Slonaker Award. Clarke was also inducted into the Pima County Sports Hall of Fame in 1997.

Beyond his service to the University, Clarke has been appointed to serve on three different State of Arizona Boards by three different governors. The Boards are, Judicial Qualifications, Emergency Medical Services Commission, and the Commission on Trial Court Appointments. On a national level, he has served on the Selective Service Board, and the National Red Cross Retiree Board.

Clarke is a Paul Harris Fellow and a member of our club since 1970. His service to the Red Cross is legendary. Michael Sagara remembers Clarke wearing a blue jumpsuit with the Red Cross Emblem on the back delivering blood in emergency situations. From 1974 through 1989, Clarke was the Southern Arizona Regional Blood Administrator. He was tasked with ensuring that blood required for patients in Southern Arizona hospitals was always available.

Frank Zunno, a fellow World War Two Combat Veteran, and a man of few words, smiled when I



asked him about Clarke. Frank said, "He is debonair and he gets the job done."

Clothes Closet Cleaning Day - May 8, 2013

Posted by Joseph Nevin on Apr 11, 2013



The Vocational Service Committee requests your continued GREAT SUPPORT ~~
ROTARY/GOODWILL INDUSTRIES Clothes
Closet Cleaning Day will be held on May 8, 2013.

Resignations

Posted by Dorinna York on Apr 12, 2013

The following Rotary Club of Tucson members have resigned:

Virginia Leavitt (Relocated)

Alan Schrope (Relocated)

Rick Welch



President's Letter

Posted by Jim Lubinski on Apr 12, 2013

A lot of good information was gathered at our club assembly last week. It was good to hear from the membership on a wide variety of challenges that face our club and there was not a shortage of opinions on how to address them! It will take us a week or two to summarize and digest the data. My hope is that we will discuss this at our next board meeting and then report back to the club sometime

in May. In the interim, I hope you take seriously the membership exercise we did at the meeting and follow through on the leads you listed on the note cards. Talking about how to recruit new members is great but, nothing happens if we do not take action. One thing that seemed readily apparent, many of our members are not using ClubRunner/our website or reading the bulletin when it is e-mailed each week. This is one of the main ways we use to distribute information so I encourage you all to become familiar with these tools. Thank you all for a spirited discussion last Wednesday.

This week Jim Gentile from Research Corp will be addressing the club on the "The Future of Science". Again, a great topic so invite a guest/potential member to our meeting this Wednesday.

Have a great week and see you Wednesday!



Menu for April 17th at The DoubleTree

Posted by Dorinna York on Apr 12, 2013

Plated Salad ~ Spring Mix Salad with Poppyseed and Balsamic Viniagrette dressings

Rosemary Garlic Pork Loin ~ served with Mashed Potatoes, Fresh Seasonal Vegetable, Assorted Rolls and Butter, Assorted Cookies served family style,

Coffee, Decaf or Iced Tea

Vegetarian option if reserved by Monday noon:

Stuffed Pepper ~ stuffed with Herb Risotto, finished with Basil and roasted Tomato Sauce

Fresh Fruit Plate and Gluten Free meals available by advance reservation only.

Membership and Attendance

Posted by Dorinna York on Apr 12, 2013



Membership		Scholarship Cups	
Active Members	173	Cash Contributions	\$ 30.00
Active Members Attendance Exempt	51	Quarterly with Dues	\$ 240.00
Total Active Members	224	Total Scholarship Cups	\$ 270.00
Honorary Members	17		
 Meeting Attendance April 10, 2013		Raffle	\$ 0.00
Active Members	108	Auction	\$ 0.00
Active Members AE	18		
Honorary Members	0		
Total Members Present	126		
Guests	4		
Guests of the Club	3		
Visiting Rotarians	0		
Total Meeting Attendance	133		