

## AADOCR Treasurer Candidate Statement

### **Name**

Ana Bedran-Russo

### **Title & University/Company**

Professor & Chair, Marquette University School of Dentistry

### **Education**

DDS, University of the State of São Paulo, Araçatuba School of Dentistry, Brazil(1997)

MS, Dental Clinical Sciences, University of Campinas, Piracicaba School of Dentistry State, Brazil(2001)

PhD, Dental Clinical Sciences, University of Campinas, Piracicaba School of Dentistry, Brazil (2005)

Post-doctoral training in Dental Biomaterials, University of North Carolina, School of Dentistry, USA (2003-2004)

Post-doctoral training in Dental Biomaterials, University of Illinois at Chicago, College of Dentistry, USA Post-doctoral trainee (2005)

### **IADR Activities**

Dr. Bedran-Russo has been a member of the AADOCR since 2003, she first attended the AADOCR in 2001 as a PhD candidate. Since 2001, she has attended almost every AADOCR meetings, except for the 2008 AADOCR. She has authored/co-authored 105 abstracts of work presented at AADOCR/IADR meetings. She was a member of the IADR membership and recruitment committee (2007-2010). She is member of the Dental Materials Group (DMG) since 2004, joined the Women in Science Network in 2018. She is past DMG/IADR president (2013-2014). She was recently elected the 2021-2022 advisor of the IADR STAR network. As the DMG GPC for the 2013 AADOCR/IADR (Seattle) meeting, she organized eight invited keynote speakers, seven symposia and seven lunch & learn sessions. She presented at five symposia sessions, one Lunch & Learn, and was an invited keynote speaker.

### **Other Professional Activities**

Dr. Bedran-Russo is actively involved in the governance and membership of scientific/academic/professional associations. Currently she chairs the ADA Council of Scientific Affairs, is a Councilor of the Academy of Operative Dentistry, past-president DMG/IADR, past board member Academy of Dental Materials, past chair of the Research Committee of the Academy of Operative Dentistry. She served as member and chair of NIDCR DSR study section for 7 years. She is currently standing member of the NIH ODCS study section. She is in the editorial board of JADA and serves as reviewer of several journals. She was 2017-2018 Fellow of the Executive Leadership in Academic Medicine (ELAM). Her most prominent awards were the 2014 UIC Researcher of the Year Award in the Clinical Sciences and 2021 Way Klingler Research Award.

### **Research, Publications and Presentations**

Dr. Bedran-Russo has published over 130 peer-reviewed papers, 4 book chapters and over 170 abstracts. Her research is supported by federal research grants, campus/college awards, and industry contracts. Her research has been continuously supported by NIH grants since 2006. She was a recipient of a K08 career award, R01, R56, R25 and T32 grants. Her H-index is 38; and total of 5110 research citations. She has also organized and participated in symposia, annual meetings, CE courses, and workshops nationally and internationally.

### **Personal Statement**

My background as a researcher and dentist allows me to identify and explore clinically relevant problems with research-based solutions. My scientific and academic strengths are diverse and unique at bridging basic, applied and clinical sciences. These strengths are focused on the ultimate goal to increase survival of the natural dentition. My major achievement thus far was pioneering the concept of bioinspired dentin biomodification and the effectiveness of plant-derived proanthocyanidins at mimicking natural processes of toughening and strength of dentin. This bioinspired concept has clinically feasible applications in preventive and restorative dentistry. Hence, this program encompasses 14 years of innovative studies that has been extensively cited in a variety of fields. My equally important passion is mentoring. I have mentored over 40 predoctoral/undergraduate students and over 30 postdoctoral students. The majority of the latter trainees are now building their independent career in academia and industry. The AADOCR/IADR has played an essential role in my academic and scientific growth, it is a venue where we share, learn, meet, and celebrate. It has certainly inspired me, and I hope to continue to contribute to this organization, as the next AADOCR treasurer. My goal is to assist the AADOCR and the membership move forward the researcher mission and advocacy.