Eric D. Johnson, PhD, ASA, MAAA

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Professional Profile

- Senior-level professional with extensive experience in insurance, finance and securities.
- Analytical decision-maker with success in streamlining processes, increasing productivity, and providing timely decisions on difficult issues.
- Thought leader with an in-depth understanding of the emerging regulatory issues and their impacts on industry, as well as life and health insurance expertise, particularly in comprehensive health and long-term care.
- Motivated and focused self-starter who earned a highly regarded actuarial designation through self-study.

Areas of Expertise

- FL Health Insurance - Product design, Pricing & Reserve Valuation
- Individual, Small Group, and Large Group Health Insurance
- Medicare & Medicaid - Reserve Valuation
- ACA - 3Rs, CSR
- Negotiations
- Strategic Decision Making
- Predictive Modeling
- Actuarial Standards of Practice
- Streamlining and Innovation
- Insurance Laws and Regulations
- Centers for Medicare and Medicaid Services
- Team Building
- Actuarial Student Development
- Organizational Restructuring
- Premium Rate Development
- Financial Reporting
- Reserve Development
- Relationship Building
- Training and Development
- Operations Management
- Legislative Analysis
- Cash-flow Testing

Professional Experience

Chief Actuary & Vice President of Business Intelligence and Advanced Analytics — AvMed Health Plans — 8/2017 - Present

- Manage the Actuarial, Business Intelligence, and Analytics business units consisting of 40 employees.
- Responsible for premium pricing strategies for all AvMed products.
- Developing predictive analytics to assist in optimizing membership growth, medical costs, and underwriting.
- Establish and implement sound data governance and data quality polices and procedures.
- Develop and guide strategies for streamlining and improving the data life cycle.
- Expanded professionalism requirements to help expand employee expertise and improve retention.
- Review legislative bill analyses.

Deputy Commissioner—Life & Health — Florida Office of Insurance Regulation — 3/2017 - 8/2017

- Manage the Life & Health business unit consisting of 90 employees with a budget of $5 million.
- Establish short and long term strategic goals for the Office.
- Provide leadership to the life and health actuarial, finance, product and legislative teams.
- Leadership role on regulatory and actuarial committees of the National Association of Insurance Commissioners including Vice Chair of the Health Actuarial Task Force.
- Develop and guide strategies for streamlining and improving the quality of the regulatory process.
- Implemented a shadow/rotation program across the various business units.
- Developed professionalism requirements to help expand employee expertise and improve retention.
- Provide expertise on the structure and design of the ACA's 3Rs and their financial impacts.
- Advise members of the Cabinet and Legislature regarding life and health insurance matters.
- Review legislative bill analyses.

Chief Actuary & Director of Life & Health Product Review Florida Office of Insurance Regulation 3/2015 - 3/2017

- Manage the Life & Health Product Review unit consisting of 30 employees with a budget of $1.7 million.
- Advise the senior leadership team on life and health actuarial, financial, legislative and policy issues.
- Advise the Director of Life & Health Financial Oversight regarding financial and actuarial items.
- Leadership role on regulatory and actuarial committees of the National Association of Insurance Commissioners.
- Oversaw the development of technology innovations to streamline the filing process for industry.
- Participated on a Medigap Technical Expert Panel for the Brookings Institution and the CMS Innovation Center.
- Provide expertise on the structure and design of the ACA's 3Rs and their financial impacts.
- Perform legislative bill analyses.

Deputy Director of Life & Health Actuarial Florida Office of Insurance Regulation 7/2013 - 3/2015

- Managed the Life & Health actuarial staff consisting of 11 employees.
- Advised the leadership team on life and health actuarial, financial, legislative and policy issues,
- Recommended and implemented a restructuring of the Office's actuarial resources in order to improve communication between the pricing and valuation actuaries.
- Performed primary and secondary review of Long-Term Care and ACA rate filings.
- Advised the Director of Life & Health Financial Oversight regarding financial and actuarial items.
- Leadership role on actuarial committees of the National Association of Insurance Commissioners.

Senior Actuarial Analyst Florida Office of Insurance Regulation 7/2011 - 7/2013

- Reviewed rate filings and made approval/disapproval recommendations to the Chief Actuary.
- Reviewed new product filings for compliance with laws and actuarial standards of practice.
- Responsible for comprehensive health, disability income, and supplemental health filings.

Managing Director of Research Flagler Trust, LLC 10/2010 - 7/2011

- Conducted statistical research of economic and investment data.
- Developed investment portfolio simulation models.
- Developed algorithmic trading models.
- Maintained intrinsic value cash flow models.

Postdoctoral Researcher Florida State University 1/2009 - 10/2010

- Led an international nuclear collision experiment.
- Developed a Monte-Carlo simulation of a nuclear collision detection system.

EDUCATION & DESIGNATIONS

Member of the American Academy of Actuaries, 2015
Associate of the Society of Actuaries, 2015
Doctorate of Philosophy in Nuclear Physics, Florida State University, 2008
Masters of Science in Physics, Florida State University, 2007
Bachelors of Science in Physics, Nebraska Wesleyan University, 2004

PROFESSIONAL ENGAGEMENTS

- Guest presenter for the Commission on Healthcare and Hospital Funding, 7/2015
- Keynote Speaker for the Annual Meeting of the International Association of Black Actuaries, 8/2015
- Medigap Technical Expert Panel Member for the Brookings Institution and the CMS Innovation Center, 9/2015
- Florida Health Choices Board Designee, 2015-Present

PUBLICATIONS AND PRESENTATIONS

Peer Reviewed Journals

- "Low-lying States in ^{8}B", Phys. Rev. C 82, 011601 (2010).
- "^{14}C(α,γ) reaction rate", Phys. Rev. C 80, 045805 (2009).
- "Extreme α-clustering in the ^{18}O nucleus", Eur. Phys. J. A 42, 135-139 (2009).
- "T=3/2^{+} States in ^{13}C", Phys. Rev. C 78, 044603 (2008).
- "Indirect Techniques in Nuclear Astrophysics. Asymptotic Normalization Coefficient and Trojan Horse", Nucl. Phys. A 787, 321c (2007).
- "Astrophysical Reaction Rate for the Neutron-Generator Reaction ^{13}C(α,n)^{16}O in Asymptotic Giant Branch Stars", Phys. Rev. Lett, 97, 192701 (2006).

Conference Proceedings and Contributed Presentations

- "Clustering in N≠Z nuclei", Oral Presentation, XVIII Varna School on Nuclear Physics, Varna, Bulgaria (2009).
- "α-Halo in the ^{18}O Nucleus", Poster presentation, COMEX (2009).
- "The Cluster Structure of Oxygen Isotopes", Dissertation Defense, Florida State University (2008).
- "The Cluster Structure of Oxygen Isotopes", One hour seminar, Kyushu University, Kyushu, Japan (2008).
- "The Cluster Structure of Oxygen Isotopes", Cluster Structure Workshop, RIKEN, Waco, Japan (2008).
- "The Cluster Structure of ^{18}O", Oral presentation, American Physical Society Meeting (2007).
- "A Study of the ^{13}C(α,n) Reaction Rate Through the ANC Technique", Oral presentation, American Physical Society, Division of Nuclear Physics Meeting (2006).
- "The Astrophysically Important α-Capture Reaction ^{13}C(α,n)", Poster presentation, HRIBF Workshop on Nuclear Measurements for Astrophysics (2006).
- "The Astrophysically Important α-Capture Reaction ^{13}C(α,n)", Oral presentation, Florida State University, Department of Nuclear Physics Seminar (2006).
- "Cosmic Rays in MoNA", Poster presentation, American Physical Society, Division of Nuclear Physics Meeting (2003).
- "Cosmic Rays in MoNA", Oral Presentation, Michigan State University, Department of Physics REU Seminar (2003).