



RCSI

Name:	Declan Gaynor
Title:	Dr
Start date with RCSI Bahrain:	9/27/2004
Department:	Biomedical Sciences
Specialty:	Chemistry

Third Level Education / Academic Awards:

Date Awarded	Awarding Institution:	Qualification Title:
1/1/2004	Trinity College, Dublin University	MSc in Multimedia Systems
1/1/2002	Royal College of Surgeons in Ireland	PhD in bioinorganic chemistry
1/1/1998	University College Dublin, NUID	BSc in Chemistry

Previous Academic Positions:

Date (To - From):	Institution:	Position:
9/1/2002 To 1/9/2003	Royal College of Surgeons in Ireland	Temporary Lecturer in Chemistry
9/1/2003 To 9/1/2004	Royal College of Surgeons in Ireland	Part-time lecturer in Chemistry

Teaching Experience:

Teaching in School of Medicine, School of Nursing and Midwifery at RCSI Bahrain Teaching in School of Medicine, School of Pharmacy in RCSI Dublin Demonstrating in College of Science at Dublin Institute of Technology, Kevin's Street, Dublin.
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Current Research and Scholarly Activities:

Medical and chemical education Chelating agents, metal complexes and their applications
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Summary of Publication History: (Last 10 years only)

Publication Details:	Journal Impact Factor:
"High nuclearity Ni(II) cages from hydroxamate ligands" McDonald, C., Sanz, S., Brechin, E.K., Kumar, M. Singh, Rajaraman, G., Gaynor, D. Jones, L.F., 2014, RSC Advances, 4 (72), 38182-38191	3.708
"Bridging the Gap: A Program to Enhance Medical Students' Learning Experience in the Foundation Year" Hayes, A., Holden, C., Gaynor, D., Kavanagh, B., O'toom, S. Bahrain Medical Bulletin (BMB), 2013, 35 (4), 196 – 204.	N/A
"Progressive decoration of pentanuclear Cu(II) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks" McDonald, C., Whyte, T., Taylor, S. M., Sanz, S., Brechin, E. K., Gaynor, D., Jones, L. F. Crystal Engineering Communications, 2013, 15 (34), 6672 – 6681.	3.858
"The prevalence of metal-based drugs as therapeutic or diagnostic agents: beyond platinum" Gaynor, D., Griffith, D. M. RSC Dalton Transactions, 41 (43), 13239 – 13257.	3.806
"Non-linear optical measurement of Iron(III) Tris(pyridinehydroxamate) complexes" Henari, F. Z., Gaynor, D., Griffith, D. M., Mulcahy C., Marmion C. J., Chemical Physics Letters, 2012, 552, 126–129.	1.991



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“Metal Complexes of Cyclic Hydroxamates. synthesis and crystal structures of 3-hydroxy-2-methyl-3H-quinazolin-4-one (ChaH) and of its Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) complexes”Alagha, A, Parthasarathi, L., Gaynor, D, Müller-Bunz, H., Starikova, Z. A., Farkas, E., Nolan, K. B., <i>Inorganica Chimica Acta</i> , 2011, 368, 1, 58 – 66.	2.041
“fac-Tris(4-aminobenzohydroxamato)iron(III) ethanol solvate”Alagha A. B. M., Gaynor, D., Mueller-Bunz, H., Nolan, K. B., Parthasarathi, L., <i>Acta Crystallographica Section E-Structure Reports Online</i> , 2010, 66, M853-U1294.	0.347

Recent Presentations:

Oral Presentation - FOUNDATION YEAR MEDICAL STUDENT PERSPECTIVES OF AN INQUIRY BASED CHEMISTRY PROGRAMME - POGIL (PROCESS ORIENTED GUIDED INQUIRY LEARNING, European Conference on Research in Chemical Education, 7-10 September 2106, Barcelona.

Poster Presentation - Foundation year medical student perspectives of a new basic sciences teaching approach called POGIL (Process Oriented Guided Inquiry Learning) – 12th Asian Pacific Medical Education Conference, February 2015, Singapore.

Consultancy and other Relevant Activities:

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