

O'CONNOR Barry  
Curriculum Vitae CTI

## Information basique

Nom	<b>O'CONNOR</b>
Prénom	<b>Barry</b>
Titre	<b>M</b>
Rôle actuel à la Cti	<b>- Expert</b>
Nationalité	<b>Irlandais</b>
Courte biographie et motivations concernant la participation aux activités de la Cti	<p><b>Pendant plus que 35 années je travail comme ingénieur d'abord dans l'industrie en UK et Irlande et ensuite comme enseignant/chercheur dans l'université a Cork, et aussi aux États Unis ou j'ai gagné mon PhD , a l'ENSIA de Massy, France. Maintenant , et depuis 2008, je suis le VP des Affaires Academiques a CIT, le plus grande école des ingenieurs en Irlande. J'ai plein experience des revues programmatiques/qualités en Irlande et aussi j'ai fais des revues pour l'ENQA. Je m'occupe aussi des revues des projets de recherche aupres de la Commission de l'EU a Bruxelles. A mon avis, la CTI a des tres bonnes modalités pour assurer et ameliorer la qualité et mie au point de la formation des ingenieurs. Je veux bien contribuer de mes experiences a ces objectifs, et aussi apprendre pour ameliorer nos systemes de qualités de la meme formation en Irlande.</b></p>
Mots clés lié aux secteurs d'activité relevant de votre expérience	<ul style="list-style-type: none"> <li><b>- Agricultural Engineering – other forms include Forest Engineering and Biosystems Engineering</b></li> <li><b>- Architectural Engineering</b></li> <li><b>- Bioengineering and Biomedical Engineering</b></li> <li><b>- Biological Engineering</b></li> <li><b>- Electrical Engineering – other forms include Electronics Engineering</b></li> <li><b>- General Engineering – other forms include Engineering Physics and Engineering Science</b></li> <li><b>- Autre : Food/Pharmaceutical Engineering</b></li> </ul>

## Formation et compétences

Mots clés qui caractérisent votre expérience	<ul style="list-style-type: none"> <li>- Activités internationales</li> <li>- Direction de programme ou d'école</li> <li>- Management d'organisation</li> </ul>			
Diplômes	<p><b>Bach. Engineering (Electrical) UCC , National University of Ireland, 1977</b>  <b>M.Eng.Sc.(Elec/Food) UCC, 1979</b>  <b>PhD (Food / Agricultural Engineering) Michigan State University, USA, 1990</b>  <b>Diploma in Law , UCC, 2003</b>  <b>Bach. Civil Law , UCC, 2005</b></p>			
Langue maternelle	<b>Anglais</b>			
Langues étrangères		Je suis capable de lire des documents	Je peux écrire, lire et parler correctement	Je suis capable de conduire une mission dans cette langue
	Anglais			X
	Allemand			
	Espagnol			
	Italian			
	Français (si ce n'est pas votre langue maternelle)			X
	Russe			
	Chinois			
	Autres (spécifier dans le champs "Information additionnelle" à la fin du questionnaire)			
Utilisation de l'informatique	<b>Microsoft Office : Word, Excel, Powerpoint</b>			

## Experience

Experience professionnelle	activite
<p>Pour chaque poste occupé</p>	<p><b>2009- to date : Registrar &amp; Vice President for Academic Affairs Cork Institute of Technology</b></p> <p><b>2008– 2009: Acting RegistrarCork Institute of Technology</b></p> <p><b>2006-2008: Head of School of Mechanical &amp; Process Engineering , CIT, Cork</b></p> <p><b>1981 – 2006 :Process &amp; Chemical Engineering Department ,UCC, Cork</b></p> <p><b>Senior Lecturer &amp; Director of AMT Research Centre</b></p> <p><b>Acting Head of Department</b></p> <p><b>1993-1994 : Professeur Associé GIA , École Nationale Superieur des Industries Agricoles et Alimentaires , Massy , France</b></p> <p><b>1990 Visiting Lecturer,Escola Superior Biotecnologia Porto, Portugal</b></p> <p><b>1982-1983: Kellogg Fellow, Research Assistant Dept. of Food and Nutritional Sciences, Michigan State University, East Lansing, MI, USA</b></p> <p><b>1980-1981: Project Engineer, Wyeth (Ireland) Ltd., Askeaton, Co. Limerick PHARMACEUTICAL</b></p> <p><b>1979-1980: Development Engineer (Electronics) Milk Marketing Board , (England &amp; Wales)Surrey, England</b></p>

Recherche	<p><b>Established Advanced Manufacturing Technology Ireland Research Centre in UCC:</b></p> <p><b>Research Focus:</b>  Projects all involved application of advanced engineering solutions to real problems in the food / drink manufacturing sector e.g. Food Factory of the Future, Process Control Toolbox  World Class Manufacturing ,Electronic tongue, Advanced Control, In-line NIR protein probe</p> <p>The larger projects were inter-disciplinary in nature and involved strong inter-institutional collaboration in the 3rd level sector in Ireland and overseas .</p> <p><b>Outputs:</b></p> <p>Total Research Income sourced: €5,825,000 +</p> <p>3 PhD &amp;19 Research masters graduated to date</p> <p>Refereed Journal Articles : 17</p> <p>Refereed Papers in Proceedings :27</p> <p>Conference Presentations/Seminars : 109</p>
Enseignement	<p><b>1981-2006 : Engineering Lecturer at UCC/ENSIA (France)/ ESB Porto</b></p> <p><b>Course development/Teaching/Assessment from undergraduate to Masters teaching level, en anglais et en francais. External Examining.</b></p> <p><b>Process/ Electrical/Electronic/Mechanical/ Energy Engineering</b></p>
Gestion	<p><b>Chef de Departement 2004/5 a UCC Process &amp; Chemical Engineering.</b></p> <p><b>2006-2008: Head of School of Mechanical &amp; Process Engineering , CIT, Cork : Lead academic responsible for Chemical/Pharmaceutical, Mechanical, Transport &amp; Automobile Engineering Departments</b></p> <p><b>2008- to date : Registrar &amp; Vice President for Academic Affairs: Senior Academic Officer for CIT :10,000 full-time and 40000 part-time students. Interface with national quality agency (QQI), Higher Education Authority, Professional bodies on Academic Quality Assurance, Accreditation; In-house responsibility for Teaching &amp; Learning, Assessment, Student Experience and Well Being. Secretary to CIT Academic Council.</b></p> <p><b>Have instigated many changes including :</b></p> <p><b>Student Grievance Procedure</b>  <b>Student Ombudsman</b>  <b>School of Graduate Studies</b>  <b>Dean of Graduate Studies</b>  <b>Rísam Postgraduate Scholarships</b>  <b>Staff PhD Programme – 50 enrolled</b></p> <p><b>Proposed CIT Campus Extension Service</b>  <b>Managed transition to new M&amp;S format for all programmes</b>  <b>New Examination Regulations implemented</b>  <b>New Examination Appeals Process in place</b>  <b>Registrar’s Development Bursaries for Crawford College of Art&amp; Design Graduates</b></p>

<p>Évaluation et gestion qualité</p>	<p><b>Chair/Participant in many national review panels for institutions and for national bodies in Irish Higher education sector at programme and institute level (e.g AIT, Carlow IT, DBS, GBS, ITB, Tralee IT, LIT, DIT, UCC, Irish Defence Forces, DKIT, IADT etc)</b></p> <p><b>Chair of ENQA Review of European Universities Association (EUA) , Brussels, 2013</b></p> <p><b>Chair of ENQA Review of Commission des Titres d'Ingénieur (CTI) , Paris,2014</b></p> <p><b>Received Institutional Review 'Best in Class' for CIT Institutional Review 2009</b></p>
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Autre expérience

**Particular experience in inter-institutional academic collaboration : Experience in Collaborative Programmes:**

**CIT/UCC**  
**Joint Chairman**  
**Joint Academic Standards Board 2011-**  
**Joint Management Boards-**  
**Architecture 2008-**  
**Biomedical Science 2008-**  
**Professional Masters in Education (Art & Design) 2013-**  
**Industrial Physics 2017-**

**CIT/University of Applied Sciences Darmstadt**  
**Joint Quality Assurance and Validation of Multimedia Programmes 2008-**  
**Interface with QQI and AQAS (German Academic Quality Agency)**

**Atlantic University Alliance**  
**Associate Director, MSc (Technology Transfer), 2003-06**  
**Inter-institutional (UCC, UL, NUIG), Interfaculty, On-line, Work-based learners**

**Erasmus MSc ( Food Science)**  
**Lecturer 1994,1995,1996 ENSIA, Paris, France**  
**ENSIA, ESB Porto, U Reading, UCC**

**SECTORAL ACTIVITY**

**Irish Higher Education Quality Network (IHEQN):**  
**Chair, Working Group on External Examiners**  
**Member, Working Group on Training**

**Extern Examiner:**

**UL, DIT, DKIT, Technikon Pretoria (RSA) (now Tshwane University of Technology)**

**Sectoral Academic Management**

**Member, Council of Registrars, IOTI**  
**Chairman, ITAC (Institutes of Technology Apprentice Committee)**  
**Member, NAAC (National Apprentice Advisory Committee)**

**National Academy for Integration of Research, Teaching & Learning:**  
**Board Member**  
**Chair, Bologna Working Group,2007-2009**

**International Collaboration**

**International Dairy Federation**  
**Chairman, Expert Group on Education & Training , 1989-1996**

**EUROPEL (European Association of Dairy Teachers)**  
**Rapporteur, 3rd Level Panel,1990-1994**

**PROFESSIONAL ACTIVITY**

**Engineers Ireland : Chartered Member, 2000- to date ;**  
**Fellow 2012- to date**  
**Member, Bologna Strategic Implementation Group**

**Irish Federation of University Teachers: Member, 1981 – 2006**

**Teachers Union of Ireland: Member 2006- 2008**

**European Food Law Association: 2004- 2008**  
**Atlantic University Alliance:**  
**Associate Academic Director (MSc, Technology Management), 2002- 2006**  
**Chairman Industrial Advisory Board, 2006- 2008**

**Programme for University Industry Interface (UL): Member, Academic Advisory Board, 2004 – 2007**

**Technology Foresight (FORFÁS), Member, Manufacturing Panel, 1998-1999**



Missions exclues pour raison déontologique

**AgroParis Tech , peut-etre en raison de mon emploi 1993-94 comme Professeur Associé a l'ENSIA , Massy**

## Information additionnelle

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Date d'actualisation

**19/05/2015**