**ا**

**خالد بن ابراهيم عبدالله الحميزي**

**العمل الحالي: عميد البحث العلمي - جامعة الملك سعود**

**جامعة الملك سعود – ص .ب. 800** **الرياض 11421**

**المملكة العربية السعودية**

**تلفون : 0505218163(جوال)**

**فاكس : 46773517**

**العمل : أستاذ – قسم الهندسة الكيميائية – جامعة الملك سعود**

**الشهادات الدراسية :**

* **بكالوريوس في الهندسة الكيميائية – جامعة الملك سعود (1406-1407 هـ)**
* **ماجستير في الهندسة الكيميائية – جامعة مينيسوتا – الولايات المتحدة (1990 م)**
* **دكتوراة في الهندسة الكيميائية – جامعة مينيسوتا - الولايات المتحدة (1994م)**

**الأعمال الإدارية**

**المناصب والمجالس**

* + - **عميد كلية الهندسة 1432-1438**
		- **عضو مجلس جامعة الملك سعود 1432ـ الان**
		- **عضو مجلس أمناء جامعة الأعمال والتكنولوجيا – جدة 1434-الان**
		- **وكيل عمادة الدراسات العليا 1428-1431هـ**
		- **عضو مجلس عمادة الدراسات العليا 1428-1431هـ**
		- **عضو المجلس العلمي بجامعة الملك سعود – ممثل لكلية الهندسة 1428-**1431هـ
		- **رئيس قسم الهندسة الكيميائية 1424- 1428**
		- **عضو مجلس قسم الهندسة الكيميائية – جامعة الملك سعود 1415- .**
		- **عضو مجلس كلية الهندسة – جامعة الملك سعود 1419-1420هـ.**
		- **عضو مجلس مركز البحوث – كلية الهندسة 1423-1424هـ.**
		- **عضو مجلس إدارة الهيئة الوطنية لتنفيذ اتفاقية حظر الأسلحة الكيميائية ممثلا لوزارة التعليم العالي 1418-1422 هـ.**

**اللجان**

* **-مقرر لجنة التعييينات بالمجلس العلمي -جامعة الملك سعود 1428-1431هـ.**
* **-عضو لجنة الخطة الإستراتيجية لعمادة البحث العلمي - جامعة الملك سعود 1431هـ.**
* **-مقرر لجنة اعداد خطة أكاديمية لكليات الهندسة بجامعة الملك سعود بناء على خطة جامعة سنغافورة الوطنية - وكالة الجامعة للشؤون التعليمية والأكاديمية 1429 هـ**
* **-عضو لجنة تقويم أداء اعضاء هيئة التدريس - كلية الهندسة 1428-1429هـ**
* **-عضو لجنة اعداد الخطة الأكاديمية لكلية الهندسة - 1429هـ**
	+ **عضو لجنة تفعيل دورالواجبات المنزلية في المقررات الدراسية - وكالة الجامعة للشؤون الأكاديمية والتعليمية 1428-1429هـ**
	+ **عضو لجنة مراجعة الخطة الأكاديمية بقسم الهندسة الكيميائية -1429هـ**
	+ **عضو لجنة المحررين في مجلة جامعة الملك سعود -العلوم الهندسية 1422-1424هـ.**
	+ **عضو في لجنة إعداد برنامج التعليم التعاوني بكلية الهندسة 1419-1420هـ.**
	+ **مقرر لجنة إعداد الجداول – قسم الهندسة الكيميائية 1415-1419هـ. 1421-1424هـ.**
	+ **مقرر لجنة المعامل والأجهزة – قسم الهندسة الكيميائية 1419-1421هـ**
	+ **عضو في لجنة إعداد التقرير السنوي – قسم الهندسة الكيميائية 1418-1419هـ**
	+ **عضو في لجنة مشاريع التخرج - – قسم الهندسة الكيميائية 1419-1420هـ.**
	+ **مقرر للجنة التنظيمية لندوة "هندسة المواد" المنعقدة بقسم الهندسة الكيميائية 1420هـ.**
	+ **مقرر للجنة التنظيمية لدورة "التحكم في الصناعات الكيميائية" " المنعقدة بقسم الهندسة الكيميائية 1422هـ.**

**Khalid Ibrahim Alhumaizi**

humaizi@ksu.edu.sa

<http://faculty.ksu.edu.sa/Alhumaizi/default.aspx>



Prof. Alhumaizi is working now as the Dean of Scientific Research, King Saud University, Riyadh, Saudi Arabia.

**Degrees**

1. Ph. D. – Chemical Engineering, University of Minnesota, Minnesota, U.S.A, 1994, Thesis Title : “Dynamics of an autocatalytic reaction in a membrane Reactor”

2. M.S. - Chemical Engineering, University of Minnesota, Minnesota, U.S.A, 1990, Thesis Title : “ Feedback control of a countercurrent moving bed reactor”

3. B.S. - Chemical Engineering, King Saud University, Saudi Arabia

**Academic Appointments**

1. Professor and Dean, College of Engineering, 2010-2016
2. Professor and Vice-Dean, Deanship of the Graduate Studies, 2007-2010
3. Professor and Head, Chemical Engineering Department, 2005-2007
4. Associate Professor and Head, Chemical engineering, 2003-2005
5. Assistant Professor, Chemical engineering 1994-2000

**Research Interests**: chemical and biochemical Processes synthesis, Control, Modeling and Simulation,

**Publication and Books**: Co-Author of five books, and more than 40 scientific papers.

**CONSULTING WORK:** Consulted for SABIC company (period 1998-2008) and King Abdulazeez City for Science and Technology (period 2000-2003) in the area of chemical reactors modeling and reaction kinetics, and for Ministry of Higher Education for the period 2006-2010.

**Contact Address**

Chemical Engineering, College of Engineering, King Saud University

Tel: ++966 14677088 Fax: ++966 14673517 Mobile: ++966505218163

P.O. Box 800, Riyadh 11421, Saudi Arabia

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| **PUBLISHED SCIENTIFIC PAPERS**1. [Moustafa A. Soliman](http://www.researchgate.net/researcher/2033221633_Moustafa_A_Soliman), [Khalid Alhumaizi](http://www.researchgate.net/researcher/70861970_Khalid_Alhumaizi), Dynamics of a coating film flow on horizontal cylinders with van der Waals forces, Mathematical and Computer Modelling, 06; 57(s 11–12):2984–2997, 2013.
2. [Emad Ali](http://www.researchgate.net/researcher/73096780_Emad_Ali), [AbdelHamid Ajbar](http://www.researchgate.net/researcher/71062080_AbdelHamid_Ajbar%22%20%5Co%20%22AbdelHamid%20Ajbar), [Khalid Alhumaizi](http://www.researchgate.net/researcher/70861970_Khalid_Alhumaizi), DYNAMICS OF RECOMBINANT DNA CULTURES UNDER TIME VARYING FEED CONDITIONS, Chemical Engineering Communications - CHEM ENG COMMUN 01/2012; 199(9):1155-1168.
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[M. Al-haj Ali](http://www.researchgate.net/researcher/72643496_M_Al-haj_Ali), [A. Ajbar](http://www.researchgate.net/researcher/8922882_A_Ajbar), [E. Ali](http://www.researchgate.net/researcher/73096780_E_Ali), [K. Alhumaizi](http://www.researchgate.net/researcher/70861970_K_Alhumaizi) , Study of cyclic operation of RO desalination process, [The Canadian Journal of Chemical Engineering](http://www.researchgate.net/journal/1939-019X_The_Canadian_Journal_of_Chemical_Engineering) (Impact Factor: 1). 11/2010; 89(2):299 - 303. DOI:10.1002/cjce.20407[Abdelhamid Ajbar](http://www.researchgate.net/researcher/71062080_Abdelhamid_Ajbar), [Khalid Alhumaizi](http://www.researchgate.net/researcher/70861970_Khalid_Alhumaizi), [Ahmed Ibrahim](http://www.researchgate.net/researcher/83003342_Ahmed_Ibrahim), [Mohammad Asif](http://www.researchgate.net/researcher/77364872_Mohammad_Asif), Hydrodynamics of gas fluidized beds with mixture of group D and B particles, [The Canadian Journal of Chemical Engineering](http://www.researchgate.net/journal/1939-019X_The_Canadian_Journal_of_Chemical_Engineering) (Impact Factor: 1). 05/2010; 80(2):281 - 288. DOI:10.1002/cjce.5450800213M. Alhaj Ali, A. Ajbar, E. Ali & K. Alhumaizi, Robust model-base control of a tubular reverse-osmosis desalination unit, Desalination, V.255, 1-3, 31,page 126-136, 2010. 1. M. Alhaj Ali, Emad. Ali A. Ajbar, K. Alhumaizi, Control of molecular weight distribution of polyethylene in gas-phase fluidized bed reactors, Korean J. Chem. Eng.,27(1), 364-372, 2010
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