

UNIVERSIDAD DE GUADALAJARA

RECTORÍA GENERAL

Oficio No. IV/01/2011/022/V

Dr. Héctor Raúl Solís Gadea
Coordinador General Académico
Universidad de Guadalajara
Presente.

En cumplimiento a lo establecido por el artículo 35, fracción II, y 42, fracción I, de la Ley Orgánica de la Universidad de Guadalajara, adjunto al presente nos permitimos remitir a sus finas atenciones, para su ejecución, el dictamen emitido por la Comisión Permanente de Condonaciones y Becas del H. Consejo General Universitario, aprobado en sesión extraordinaria efectuada el 16 de Diciembre de 2010:

Dictamen número V/2010/309: Se aprobó otorgar beca crédito complementaria para el C. Alonso Castillo Ramírez, con el objetivo de cursar estudios de Doctorado en Investigación en Matemáticas en el Imperial College London, Reino Unido, a partir del 3 de octubre de 2010 y hasta el 30 de septiembre de 2013.

Lo anterior, para los efectos legales a que haya lugar.

Atentamente

"PIENSA Y TRABAJA"

Guadalajara, Jalisco, 10 de Enero de 2011



Dr. Marco Antonio Cortés Guardado
Rector General

UNIVERSIDAD DE GUADALAJARA
H. CONSEJO GENERAL UNIVERSITARIO

Lic. José Alfredo Peña Ramos
Secretario General

c.c.p. Mtro. Gustavo A. Cárdenas Cutiño, Director de Finanzas de la Universidad de Guadalajara.
c.c.p. Dr. Miguel Ángel Navarro Navarro, Vicerrector Ejecutivo.
c.c.p. Minutario.
JAPR/JAJH/sgm.



UNIVERSIDAD DE GUADALAJARA

RECTORÍA GENERAL

Oficio No. M/11/2010/1875/V

Dr. Héctor Raúl Solís Gadea
Coordinador General Académico
Universidad de Guadalajara
Presente.

Por este medio me permito hacer de su conocimiento que en el ejercicio de las atribuciones que me confiere el último párrafo del artículo 35 de la Ley Orgánica, AUTORIZO provisionalmente el dictamen emitido el 26 de noviembre actual por la Comisión Permanente de Condonaciones y Becas del H. Consejo General Universitario, mismo que será puesto a consideración del H. Consejo General Universitario en su próxima sesión, a saber:

Dictamen número V/2010/309: Se propone al pleno del H. Consejo General Universitario, dictaminar al C. Alonso Castillo Ramírez como BENEFICIARIO de la BECA-CREDITO COMPLEMENTARIA, con el objetivo de cursar estudios de Doctorado en Investigación en Matemáticas en el Imperial College London, Reino Unido, a partir del 3 de octubre de 2010 y hasta el 30 de septiembre de 2013.

Lo anterior, para los efectos legales a que haya lugar.

Atentamente

"PIENSA Y TRABAJA"

"2010, Bicentenario de la Independencia y Centenario de la Revolución Mexicana"

Guadalajara, Jal; 29 de Noviembre de 2010


Dr. Marco Antonio Cornejo Guardado
Rector General



**Rectoría
General**

c.c.p. Mtro. Gustavo A. Cárdenas Cutillo, Director de Finanzas de la Universidad de Guadalajara.
c.c.p. Dr. Miguel Ángel Navarro Navarro, Vicerrector Ejecutivo.
c.c.p. Minutario.
JAPR/JAH/sgm.



UNIVERSIDAD DE GUADALAJARA

H. CONSEJO GENERAL UNIVERSITARIO

Exp. 021
Núm. V/2010/309

H. CONSEJO GENERAL UNIVERSITARIO
P R E S E N T E

A esta Comisión Permanente de Condonaciones y Becas del H. Consejo General Universitario, ha sido turnado por la Coordinación General Académica el proyecto de dictamen para resolver la solicitud de participación en el otorgamiento de becas-crédito para iniciar o continuar estudios de maestría o doctorado, presentada por el C. Alonso Castillo Ramírez, y;

Resultando:

1. Que de conformidad con lo establecido en el artículo 27 del Reglamento de Becas de la Universidad de Guadalajara, el día 25 de octubre de 2010, el Dr. Marco Antonio Cortés Guardado, en su carácter de Rector General Sustituto, emitió la convocatoria dirigida al personal académico y administrativo adscrito a las dependencias de la Red Universitaria y a los egresados de la Universidad de Guadalajara, para participar en el otorgamiento de becas para iniciar o continuar estudios de maestría o doctorado dentro del ámbito de competencia de las disciplinas de Arte, Arquitectura y Diseño; de las Ciencias Biológicas y Agropecuarias; de las Ciencias Económico Administrativas; de las Ciencias Exactas e Ingenierías; de las Ciencias de la Salud o de las Ciencias Sociales y Humanidades.
2. Que de acuerdo con lo señalado por la convocatoria, el C. Alonso Castillo Ramírez en su carácter de egresado de esta Casa de Estudios, con base en la fracción IV, del artículo 19 del Reglamento de Becas, con fecha 27 de octubre de 2010, presentó ante la Secretaría Académica del Centro Universitario de Ciencias Exactas e Ingenierías, solicitud acompañada de los documentos probatorios de los requisitos establecidos en el apartado II de la misma, así como lo mencionado en los artículos 20, 22 y 23 del reglamento citado.
3. Que la solicitud presentada es para obtener una BECA-CREDITO COMPLEMENTARIA, con el objetivo de cursar el programa de Doctorado en Investigación en Matemáticas en el Imperial College London, Reino Unido.
4. Que con fecha 29 de octubre del presente año, el Centro Universitario de Ciencias Exactas e Ingenierías, remitió a la Coordinación General Académica la solicitud señalada en los dos puntos anteriores, a fin de que de conformidad a lo establecido en el procedimiento numeral 4 de la convocatoria, llevara a cabo el análisis respectivo.
5. Que la Coordinación General Académica procedió a efectuar la revisión del cumplimiento de los requisitos, de la cual se desprende que el expediente de el C. Alonso Castillo Ramírez (SI) se encuentra debidamente integrado.

Que una vez que la instancia receptora ha validado que el expediente señalado se encuentra debidamente integrado, remite el mismo a esta Comisión Permanente de Condonaciones y Becas, a efecto de ser evaluado.

UNIVERSIDAD DE GUADALAJARA
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7. Que recibida que fue por esta Comisión Permanente de Condonaciones y Becas del H. Consejo General Universitario la solicitud y los documentos probatorios del becario, acordó entrar a su estudio con el objeto de revisar si se acreditan los siguientes requisitos exigidos por la convocatoria:
- Ser egresado de la Universidad de Guadalajara (SI);
 - Ser de nacionalidad mexicana (SI);
 - Contar con título de licenciatura, o en su defecto acta de titulación (SI);
 - Contar con un promedio mínimo de 80 o su equivalente en el último nivel de estudios cursados, en el caso de la solicitud de beca para continuación de estudios de Posgrado deberá acreditar dicho promedio en los ciclos cursados (SI);
 - Contar con carta de apoyo emitida por el titular de la dependencia a que esté adscrito el trabajador, previa justificación del jefe inmediato superior, conforme a la estructura orgánica establecida en la normatividad universitaria (No aplica);
 - Tratándose de académicos adscritos a un departamento, la justificación deberá contar con el visto bueno del Colegio Departamental respectivo (No aplica);
 - En el caso de los egresados dicha carta deberá estar emitida por el titular de la dependencia postulante (SI); y
 - Acreditar que ha sido aceptado por la Institución donde pretende realizar sus estudios (SI).
8. Que una vez que esta Comisión Permanente llevó a cabo el análisis y estudio de la solicitud y de los documentos probatorios, con base en la totalidad de los requisitos de la convocatoria, así como con los artículos 19 fracción IV, 20, 22 y 23 del Reglamento de Becas de la Universidad de Guadalajara, resulta BENEFICIARIO de la beca-crédito complementaria, con el objetivo de cursar estudios Doctorado en Investigación en Matemáticas en el Imperial College London, Reino Unido, a partir del 3 de octubre de 2010 y hasta el 30 de septiembre de 2013, a favor del C. Alonso Castillo Ramírez.

Por lo anteriormente expuesto, y;

Considerando:

- I. Que la Universidad de Guadalajara es un organismo descentralizado del Gobierno del Estado, con autonomía, personalidad jurídica y patrimonio propio, de conformidad con lo dispuesto en el artículo 1º. de su Ley Orgánica, promulgada por el Ejecutivo local del día 15 de enero de 1994, en ejecución del Decreto número 15319 del H. Congreso del Estado de Jalisco.
- II. Que como lo señala la fracción I, del artículo 5 de la Ley Orgánica de la Universidad, en vigor, son fines de esta Casa de Estudios, la formación y actualización de los técnicos, bachilleres, técnicos profesionales, profesionistas, graduados y demás recursos humanos que requiere el desarrollo socio-económico del Estado.

Que según lo establece la fracción III, del artículo 31 de la Ley Orgánica, es atribución del H. Consejo General Universitario, el dictar las normas generales para el otorgamiento de becas. Asimismo, la fracción II, artículo 10 del Reglamento de Becas de la Universidad de Guadalajara le atribuye al H. Consejo General Universitario el resolver sobre las solicitudes de becas del personal de la administración general, de los egresados y aquellas que se deriven de programas especiales que para tal efecto convoque el Rector General.





UNIVERSIDAD DE GUADALAJARA

H. CONSEJO GENERAL UNIVERSITARIO

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- M. Que conforme lo señala la fracción XIV, del artículo 95 de Estatuto General, es atribución del Rector General el proponer al H. Consejo General Universitario políticas para la formación y actualización del personal académico y administrativo.
- V. Que conforme lo previsto en el artículo 27 de la Ley Orgánica el H. Consejo General Universitario, funcionará en pleno o por comisiones.
- VI. Que el artículo 89, fracción II, del Estatuto General, establece que es atribución de la Comisión de Condonaciones y Becas el proponer los principios generales que regularán el otorgamiento de becas y demás medios de apoyo para el estudio que la Universidad otorgue y la fracción III del artículo 25 del Reglamento de Becas de la Universidad de Guadalajara le atribuye dictaminar las solicitudes de becas.
- VII. Que de conformidad con lo dispuesto por el artículo 34 fracciones I y II del Reglamento de Becas de la Universidad de Guadalajara, las becas podrán ser completas, cuando no exista alguna otra fuente de financiamiento para los candidatos o complementarias, que cubrirán exclusivamente los conceptos que no estén cubiertos por otra fuente de financiamiento o cuando estos se encuentren por debajo del tabulador autorizado.

Por lo anteriormente expuesto y fundado, se procede a resolver los siguientes:

RESOLUTIVOS:

PRIMERO.- Se propone al pleno del H. Consejo General Universitario, dictaminar al C. Alonso Castillo Ramírez como BENEFICIARIO de la BECA-CREDITO COMPLEMENTARIA, con el objetivo de cursar estudios de Doctorado en Investigación en Matemáticas en el Imperial College London, Reino Unido, a partir del 3 de octubre de 2010 y hasta el 30 de septiembre de 2013.

SEGUNDO.- La BECA-CREDITO COMPLEMENTARIA, será por 2 DOS AÑOS, 11 ONCE MESES contados a partir del 25 de octubre 2010 y hasta el 30 de septiembre de 2013, la cual comprende los siguientes conceptos de conformidad con el tabulador vigente en la Universidad de Guadalajara:

- Matrícula anual equivalente en moneda nacional 7,000 libras esterlinas;
- Transportación aérea de regreso a la obtención del grado académico correspondiente.

TERCERO.- El C. Alonso Castillo Ramírez deberá cumplir con todas y cada una de las obligaciones previstas en el artículo 54 del Reglamento de Becas vigente, así como presentar un informe escrito de sus actividades y calificaciones al término del ciclo escolar, avalado por la institución donde realice sus estudios, ante la Coordinación General Académica.

CUARTO.- Procédase a la suscripción del convenio (contrato de mutuo) entre la Universidad de Guadalajara y el C. Alonso Castillo Ramírez de conformidad con lo que establecen los artículos 26, 35 y 36 del Reglamento de Becas vigente de esta Casa de Estudios; lo anterior, en razón de que las becas otorgadas por la Universidad de Guadalajara, tienen la naturaleza de ser becas-crédito.



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QUINTO.- De conformidad a lo dispuesto en el último párrafo del artículo 35 de la Ley Orgánica, solicítase al Rector General resuelva provisionalmente la presente propuesta, en tanto la misma es aprobada por el pleno del H. Consejo General Universitario.

Atentamente
"Piensa y Trabaja"

"2010 Bicentenario de la Independencia y Centenario de la Revolución Mexicana"

Guadalajara, Jalisco, 26 de noviembre de 2010


Dr. Mario Alberto Orozco Abundis


Dr. Jaime Agustín González Álvarez


Dr. Marco Antonio Cortés Guardado
Presidente



UNIVERSIDAD DE GUADALAJARA
H. CONSEJO GENERAL UNIVERSITARIO


Dr. Juan de Jesús Taylor Preciado


Erika Nohemí Delgadillo Bañales


Lic. José Alfredo Peña Ramos
Secretario de Actas y Acuerdos

Lic. José Alfredo Peña Ramos
Secretario General y Secretario de Actas y Acuerdos de la
Comisión Permanente de Condonaciones y Becas del
H. consejo General Universitario

Presente

Por este conducto me permito enviar a usted para su evaluación y dictaminación las solicitudes de los participantes en la convocatoria de Becas 2010 emitida el pasado 25 de octubre del año en curso, las cuales fueron presentadas en las dependencias de adscripción y que enlisto a continuación:

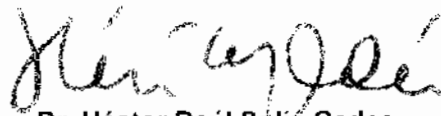
Castillo Ramírez Alonso	CUCEI
Lomeli Ramírez María Guadalupe	CUCEI
Ortiz Espinoza Eduardo Elías	CUCEI

Las solicitudes comprenden, formato de solicitud de beca y los requisitos mencionados en el Reglamento de Becas vigente.

Agradeciendo de antemano la atención que se sirva dar al presente y sin otro particular, le reitero las seguridades de mi consideración y respeto.

Atentamente
"PIENSA Y TRABAJA"

"2010 Bicentenario de la Independencia y Centenario de la Revolución Mexicana"
Guadalajara, Jalisco a 25 de Noviembre de 2010



Dr. Héctor Raúl Solís Gadea
Coordinador General Académico



Secretaría
General

recibi J. Llano

fecha 25/11/10

4190

13 487

SECRETARÍA
PERMANENTE DE BENCAS

COMIS



UNIVERSIDAD DE GUADALAJARA

VICERRECTORIA EJECUTIVA / SECRETARÍA DE ADMINISTRACIÓN Y FINANZAS

CONVOCATORIA DE BECAS INSTITUCIONALES 2010 FORMATO DE RECEPCIÓN DE DOCUMENTOS

Solicitante: <i>Castillo Ramirez Alonso</i>
Dependencia que postula: <i>CUCEI</i>
Fecha de entrega de la documentación:

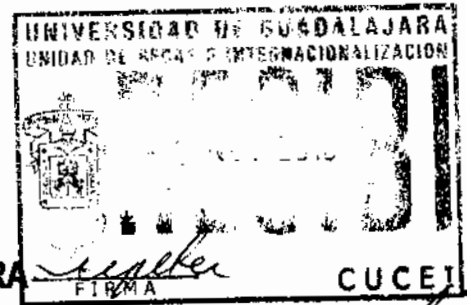
DOCUMENTACIÓN ENTREGADA	
1. Curriculum vitae	✓
2. Copia simple del acta de nacimiento	✓
3. Copia de CURP	✓
4. Copia del título o acta de titulación, o de grado	✓
5. Copia del certificado de estudios que contenga el promedio de calificaciones; en el caso de solicitud de beca para continuar estudios de maestría y doctorado, constancia de estudios que incluya el promedio	<i>Faltan calificaciones de la maestría e informes de actividades</i>
6. Carta de apoyo en los términos de la fracción IV del artículo 20 del Reglamento de Becas, en la cual se deberán especificar detalladamente los beneficios que el candidato postulado aportará a la institución una vez que concluya sus estudios, en congruencia con el Plan de Desarrollo de la dependencia	✓
7. Constancia oficial de aceptación al posgrado emitida por la institución receptora, que indique fecha de inicio y duración del programa, así como responsable académico del mismo. Dicha constancia deberá contener nombre, domicilio y teléfonos de la propia institución	✓
8. Plan de Estudios o cualquier otra documentación que describa el contenido curricular del posgrado que se pretenda cursar	✓
9. Constancia emitida por una institución reconocida oficialmente, que acredite el dominio del idioma, en el caso de posgrados a cursar en una lengua distinta al castellano	✓
OBSERVACIONES: <i>Solicita matrícula anual, media beca a parte de la Universidad, • transporte • instalación.</i>	
Recibe documentación:	



UNIVERSIDAD DE GUADALAJARA

Programa del Personal Académico
Subprograma de Formación del
Personal Académico

Solicitud de Beca



Recibí expediente original.



1.- Nombre de la Dependencia de Apoyo

Centro Universitario de Ciencias Exactas e Ingenierías

Tipo de Beca solicitada

2.- Beca Completa ()	Iniciación	(X)
Beca Complementaria (X)	Continuación	()
Manutención	()	
Transporte	(X)	
Seguro Médico	()	
Instalación	(X)	
Material Bibliográfico	()	

Datos Generales del Aspirante

3.- <u>Castillo</u>	<u>Ramírez</u>	<u>Alonso</u>
Apellido Paterno	Apellido Materno	Nombre(s)
4.- Sexo	() Femenino	
	(X) Masculino	



UNIVERSIDAD DE GUADALAJARA

Programa del Personal Académico
Subprograma de Formación del
Personal Académico

Escolaridad

11.- Licenciatura

Nombre del título obtenido: Licenciatura en Matemáticas

Año de obtención del título: 2009

Institución: Universidad de Guadalajara

12.- Posgrado

Nombre y disciplina del grado obtenido:

Maestría en Ciencias en Matemáticas Puras

Año de obtención del grado 2010

En su caso, nombre de la tesis con la que obtuvo el grado:

Involutions and Transvections of the Projective Special Linear Group $L_3(3)$

Institución: Imperial College London

Facultad, escuela, institución centro o departamento:

Mathematics Department, Faculty of Natural Sciences



UNIVERSIDAD DE GUADALAJARA

Programa del Personal Académico
Subprograma de Formación del
Personal Académico

Programa Académico

13.- Nombre oficial del programa:

Mathematics Research

14.- Nivel:

() Maestría (X) Doctorado

15.- Institución que imparte el programa:

Imperial College London

16.- Facultad, instituto, centro o departamento:

Department of Mathematics, Faculty of Natural Sciences

17.- Domicilio en donde se imparte el programa

Calle South Kensington Campus Número _____

Colonia South Kensington C. P. SW7 2AZ

Municipio o entidad Londres, Reino Unido Teléfono +44 (0) 20 7589 5111



UNIVERSIDAD DE GUADALAJARA

Programa del Personal Académico
Subprograma de Formación del
Personal Académico

21.A- ¿Tramita otro tipo de apoyo económico? SI () No (X)

Una fuente distinta:

Origen _____ (CONACYT, Promep,
Gov. Extranjeros, etc.)

Tipo: _____

Monto mensual solicitado \$ _____

Fecha de respuesta al trámite que está realizando: _____

Vigencia: Fecha de inicio _____

Fecha de Terminación _____

22.- ¿Requiere apoyo para el pago de inscripción y colegiatura?

(X) Si () No

Frecuencia de Pago
Colegiatura: Anual

Costo: 7,000 libras esterfinas

Inscripción: N/A

Costo: 0.00

Lugar y fecha: Londres, Reino Unido, 27 de octubre de 2010

Firma del Aspirante

Alonso Castillo Ramirez

DATOS PERSONALES

Nombre y Apellidos: Alonso Castillo Ramírez
Fecha de nacimiento: 24 de abril de 1987
Lugar de nacimiento: Guadalajara, Jalisco
Dirección: Clemente Orozco 1191, Mezquitán Country, Guadalajara.
Teléfono: (33) 40 40 0708
E-mail: acr_8080@hotmail.com



FORMACIÓN ACADÉMICA

- 2002-2005 **Preparatoria Bilingüe.** Instituto Tecnológico y de Estudios Superiores de Monterrey. Campus Guadalajara. Mención Honorífica. Promedio 97.3.
- 2005-2008 **Licenciatura en Matemáticas.** Universidad de Guadalajara. Titulación por Excelencia. Promedio 98.9.
- 2009-2010 **Maestría en Ciencias en Matemáticas Puras.** Imperial College London.
Tesis: "Involuciones y Transvecciones del Grupo $L_3(3)$ ". Supervisor: Prof. A. A. Ivanov.

PREMIOS Y DISTINCIONES

1. Aceptación en el programa de posgrado "Certificate of Advanced Study in Mathematics" de la Universidad de Cambridge. Año 2009.
2. **Reconocimiento** como Estudiante Sobresaliente. Universidad de Guadalajara. 2009.
3. **Reconocimiento** por el Mejor Promedio de la generación 2008B de la Licenciatura en Matemáticas. Universidad de Guadalajara. CUCEI. Año 2009.
4. **Segundo Lugar.** Torneo de Ajedrez Rumbo a la Copa Guadalajara 2009. Categoría: Segunda Fuerza. Ayuntamiento de Guadalajara. Año 2009.
5. **Quinto lugar.** Torneo Nacional: Copa Guadalajara de Ajedrez 2009. Cuarta Fuerza.
6. **Primer Lugar.** Torneo de Ajedrez, Semana de Físico-Matemáticas. CUCEI. Universidad de Guadalajara. Año 2008.
7. **Seis Reconocimientos** por Promedio. Prepa Tec. ITESM Guadalajara. 2002-2004.
8. **Primer Lugar.** Torneo de Ajedrez Fiestas de Octubre 2006. Categoría: 2ª Fuerza. Ayuntamiento de Guadalajara. Año 2006.
9. **Primer Lugar.** Categoría: "Cálculo Extremo". XII Feria de Ciencias. ITESM, Guadalajara. Tercer Lugar. Torneo de Ajedrez Fiestas Patrias Guadalajara 2006. Categoría: Aficionados. Ayuntamiento de Guadalajara. Año 2006.
10. **Primer Lugar.** Categoría: Deporte. Feria de Emprendedor. "Organización del Primer Real Tournament de ajedrez". ITESM, Guadalajara. Año 2005.
11. **Tercer Lugar.** Primer Real Tournament de Ajedrez. ITESM. Año 2005.
12. **Quinto Lugar.** Campeonato Municipal de Ajedrez Guadalajara 2005. Categoría: Novatos. Ayuntamiento de Guadalajara. Año 2005.
13. **Primer Lugar.** Categoría: Travel Brochure "South Africa". Cosmo Festival. ITESM Guadalajara. Año 2004.
14. **Primer Lugar.** "Diseño y Resolución de un Problema con Cálculo Diferencial". ITESM, Guadalajara. Año 2004.
15. **Primer Lugar.** Categoría: Multimedia. X Feria de Ciencias. ITESM Guadalajara. Año 2003.

BECAS

1. Beca Internacional Imperial College 2010 para realizar investigación en el Departamento de Matemáticas del Imperial College London. Año 2010.
2. Beca "Imperial College Student Opportunities Fund 2010" para realizar investigación en el Departamento de Matemáticas del Imperial College London. Año 2010.
3. Beca de manutención para cursar estudios de maestría del Instituto Jalisciense de la Juventud. Gobierno de Jalisco. Año 2009.
4. Beca crédito-complemento para cursar estudios de maestría de la Universidad de Guadalajara. Año 2009.

FORMACIÓN COMPLEMENTARIA

1. Participación en el Congreso del XIII Verano de la Investigación Científica del Pacífico Delfín. Presentación del trabajo "Fundamentos Matemáticos de la Teoría de Grupos Esporádicos". Mazatlán, Sinaloa. Año 2008.
2. Verano de la Investigación Científica del Pacífico DELFIN. Instituto de Matemáticas UNAM, Módulo Morelia. Asesor: Dr. Raymundo Bautista Ramos. Año 2008.
3. Primera Escuela de Geometría Algebraica y Sistemas Dinámicos. CUCEI. Universidad de Guadalajara. Año 2008.
4. Participación en la XXII Copa de Ajedrez Guadalajara 2008.
5. Intercambio académico con la Universidad de Bristol, Inglaterra. Año 2007.
6. Participación en el LI Campeonato Nacional e Internacional Abierto Mexicano de Ajedrez, Guadalajara. Equipo ITESM. Año 2005.
7. Participación en programa AP Honours Course de Física y Cálculo. Prepa Tec. ITESM. Año 2005.
8. Participación en la Primer Clínica Municipal de Ajedrez Guadalajara a cargo del Maestro Internacional Denis Verduga Zavala. Año 2005.
9. Participación en el Primer Torneo Estatal de Ajedrez Activo de Jalisco. Año 2004.
10. Curso "Historia del Arte" en la Scuola Leonardo Da Vinci, Florencia, Italia, a través del ITESM Guadalajara. Año 2003.
11. Participación en Recital de Piano. Auditorio Enrique Díaz de León. Maestra Rosa María Valdéz Galindo. Año 2002.
12. Participación en el Encuentro Académico y Cultural 2001-2002, en u etapa zona. Área: Ajedrez. Secretaría de Educación del Estado de Jalisco. Dirección de Educación Secundaria. Año 2002.
13. Participación en el Encuentro de Actividades Académicas y Culturales de la Zona Escolar No. 13. Secretaría de Educación del Estado de Jalisco. Dirección de Educación Secundaria. Año 2001.

EXPERIENCIA LABORAL

1. Profesor de Asignatura A. Clase: "Álgebra Moderna II". Centro Universitario de Ciencias Exactas e Ingenierías. Universidad de Guadalajara. (Semestre 2009A).
2. Profesor de Asignatura A. Clase: "Matemáticas I". Centro Universitario de Ciencias Sociales y Humanidades. Universidad de Guadalajara. (Semestre 2009A y Verano 2009).

DIFUSIÓN DE LA CULTURA

1. Responsable del Taller de Ajedrez. Centro Universitario de Ciencias Exactas e Ingenierías. Universidad de Guadalajara. Año 2008.
2. Organizador de la Simultánea de Ajedrez CUCEI 2008. Universidad de Guadalajara.
3. Organizador del Torneo de Ajedrez CUCEI 2008. Universidad de Guadalajara. CUCEI.

4. Organizador del "Torneo de ajedrez". Feria de Ciencia, Arte y Tecnología. Centro Universitario de los Lagos. Universidad de Guadalajara. Año 2005.

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2. *Acciones de Grupos*. Semana de Físico-Matemáticas. CUCEI. Universidad de Guadalajara. Año 2008.
3. *Partidas Ilustres*. Centro Universitario de Los Valles. Universidad de Guadalajara. Año 2008.
4. *Análisis de la partida de ajedrez de Einstein vs Oppenheimer*. Feria de Ciencia, Arte y Tecnología. Centro Universitario de los Lagos. Universidad de Guadalajara. Año 2005.

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1. *Reflexiones en torno al fracaso de la matemática en la escuela*. Autores: María de los Angeles Ramírez Gaspar, Alonso Castillo Pérez y Alonso Castillo Ramírez. Seminario: Proceso de Enseñanza y Aprendizaje en Matemáticas, Español y Ciencias. Congreso Estatal de Investigación para la Educación Básica. Año 2007.
2. Cuento *Fantasia con Lobos*. Revista "Letrinas. Taller de Poesía." Noviembre 2002. ITESM. Año 2002.
3. Cuento *En mi camino*. Revista "ClanDestino. El Opúsculo." Año 1 Número 0. Coordinador: Ricardo Sigala. ITESM. Año 2002.
4. *Enciclopedia Universal de Mongoles a Terrestres: Mongolpedia*. (Cuento). Guadalajara (México: Impreso en Super Graphics.) Año 1999.
5. *Morusas*. (Antología de Cuentos). Guadalajara (México: Impreso en Super Graphics.) Ilustraciones María Emilia Vázquez. Año 1998.
6. *La Otra Galaxia*. (Cuento). Editorial Gráfica. Guadalajara (México: Impreso en Super Graphics.) Año 1997.

EXÁMENES

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2. GRE: Graduate Record Examination, General Test. Verbal 480 (55% percentil). Quantitative 780 (90% percentil). Analytical Writing 4.0/6.0. Julio 2008.

IDIOMAS

INGLÉS

1. Examen iBT TOEFL. Calificación: 105/120 puntos. Reading 30, Listening 29, Speaking 22, Writing 24. Año 2008.
2. Examen iBT TOEFL. Calificación: 108/120 puntos. Reading 29, Listening 26, Speaking 24, Writing 29. Año 2007.
3. Examen TOEFL Institucional. Calificación: 617 puntos. Año 2007.
4. Curso Intensivo de Conversación en Inglés como Segunda Lengua. Avanzado II. Calificación 97%. Centre Lingüista. Ottawa, Canadá. Año 2006.
5. Curso Intensivo de Gramática en Inglés como Segunda Lengua. Avanzado II. Calificación 80%. Centre Lingüista. Ottawa, Canadá. Año 2006.

FRANCÉS

1. Curso Intensivo de Francés. Nivel Básico 6. Alianza Francesa Guadalajara.



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NOMBRE DEL PADRE ALONSO CASTILLO PEREZ, INGENIERO, NACIONALIDAD MEXICANA EDAD 35 AÑOS

DOMICILIO CUBILETE 185 CIENTO OCHENTA Y CINCO. GUADALAJARA, JALISCO.

NOMBRE DE LA MADRE MARIA DE LOS ANGELES GUADALUPE RAMIREZ GASPAS, MAESTRA, NACIONALIDAD MEXICANA EDAD 32 AÑOS

DOMICILIO CUBILETE 185 CIENTO OCHENTA Y CINCO. GUADALAJARA, JALISCO.

ABUELOS

ABUELO PATERNO ISIDRO CASTILLO PEREZ. VIVE NACIONALIDAD MEXICANA

ABUELA PATERNA ISAUARA PEREZ SOLORZANO. FINADA NACIONALIDAD MEXICANA

DOMICILIO(S) MONTE CASTINO 2254 DOS MIL DOSCIENTOS CINCUENTA Y CUATRO. GUADALAJARA, JALISCO.

ABUELO MATERNO ANGEL RAMIREZ SOTO. VIVE NACIONALIDAD MEXICANA

ABUELA MATERNA MARIA DEL SOCORRO GASPAS RIANDE. VIVE NACIONALIDAD MEXICANA

DOMICILIO(S) LA COSTA 1835 MIL OCHOCIENTOS QUINCE. GUADALAJARA, JALISCO.



TESTIGOS

NOMBRE JESUS ENRIQUE SAMPERIO ROSALES, SOLTERO, NACIONALIDAD MEXICANA EDAD 27 AÑOS

DOMICILIO FELIPE RIVALCABA 5832 CINCO MIL OCHOCIENTOS TREINTA Y DOS. ZAPOPAN, JALISCO.

NOMBRE ALICIA LLAMAS MONTES, SOLTERA, SECRETARIA, NACIONALIDAD MEXICANA

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ANVERSO

REVERSO

Los datos personales recabados serán protegidos y serán incorporados y tratados en el Sistema de Datos Personales SISTEMA DE INFORMACIÓN PARA LA ADMINISTRACIÓN DE LA CLAVE ÚNICA DE REGISTRO DE POBLACIÓN, con fundamento en los artículos 36, fracción I de la Constitución Política de los Estados Unidos Mexicanos, 85 a 96 de la Ley General de Población y 41, 42, 43, 83, 84 y 85 de su reglamento y cuya finalidad es gestionar y administrar las Claves Únicas de Registro de Población que residen en la Base de Datos Nacional de la CURP. Dicho sistema fue registrado en el Listado de sistemas de datos personales ante el Instituto Federal de Acceso a la Información Pública (www.ifa.org.mx) y los datos en él contenidos podrán ser transmitidos al Instituto Federal Electoral, dependencias y entidades públicas, para el ejercicio de sus funciones, además de otras transmisiones previstas en la Ley. La Unidad Administrativa responsable del Sistema de datos personales es La Dirección General del Registro Nacional de Población e Identificación Personal. El interesado podrá ejercer los derechos de acceso y corrección en términos del último párrafo del artículo 66 del Reglamento de la Ley Federal de Transparencia y Acceso a la Información Pública Gubernamental en el domicilio de la Unidad de Enlace en Reforma, No. 99, Planta baja, Colonia Tabacalera, Delegación Cuauhtémoc. Lo anterior se informa en cumplimiento del Decimoséptimo de los Lineamientos de Protección de Datos Personales, publicados en el Diario Oficial de la Federación el 30 de septiembre de 2005.

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CURP's asociadas por corrección
 CARA870424HJCSML14



ALONSO CASTILLO RAMIREZ
 PRESENTE

México D.F., a 11 de marzo de 2009

La Clave Única de Registro de Población (CURP) es un documento que nos permite identificar a todos los mexicanos, sin importar el lugar de su residencia, así como a los extranjeros que residen en el territorio nacional.

Con la obtención de la CURP, usted participa en la construcción de un sistema único de identidad de los mexicanos, que permitirá agilizar el acceso a los programas y servicios que ofrece el gobierno a la sociedad, reducir tiempos en los trámites y optimizar el ejercicio de derechos y el cumplimiento de obligaciones.

Dado que los datos asentados en su CURP serán incorporados al Registro Nacional de Población, el cual permite acreditar fehacientemente su identidad, mucho le agradeceremos revisar cuidadosamente la constancia anexa, con el propósito de que usted confirme que la información asentada en ella sea la correcta.

Por un México mejor, muchas gracias por su participación.

ATENTAMENTE
LA SECRETARÍA DE GOBERNACIÓN

Estamos a sus órdenes para cualquier aclaración o duda sobre la conformación de su clave en **TELCURP**, marcando el **01 800 911 11 11**



Otorga a

Alonso Castillo Ramirez

El título de

Licenciado en Matemáticas

En virtud de que terminó en forma debida los estudios que la ley señala; que fue aprobado en la modalidad de titulación correspondiente, y de que cumplió con todos los demás requisitos legales, para que pueda ejercer libremente la citada profesión, sin más limitaciones que las establecidas por la ley.



“ Piensa y Trabaja ”

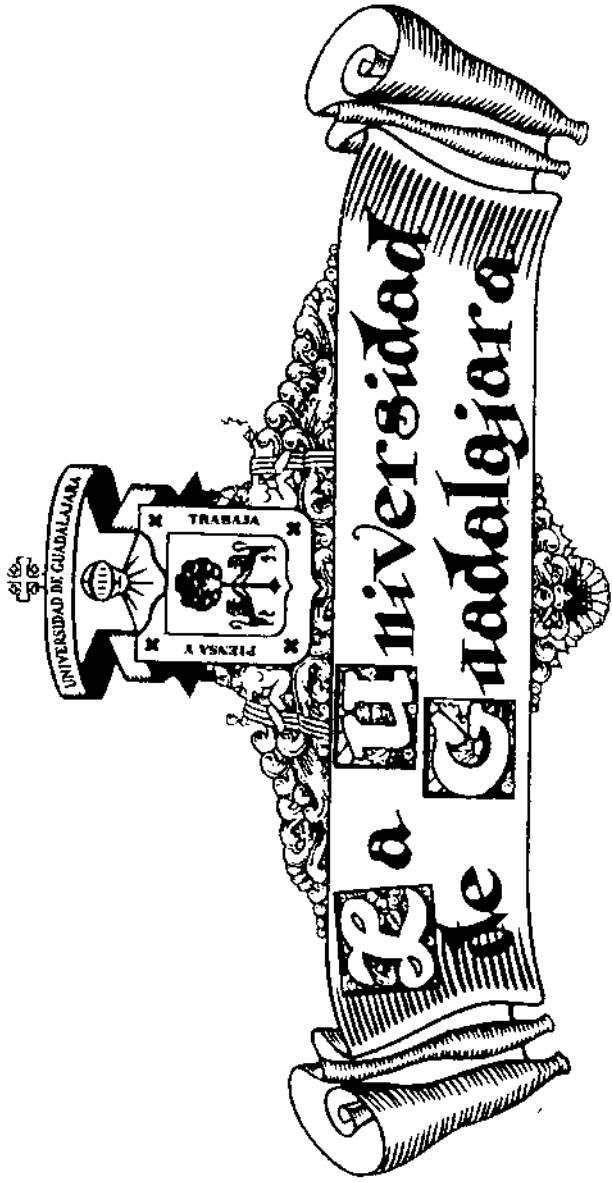
Guadalajara, Jal., México, a 10 de Marzo de 2009.

El Rector General

Dr. Marco Antonio Cortés Guardado

El Secretario General

Lic. José Alfredo Peña Ramos



UNIVERSIDAD DE GUADALAJARA



El que suscribe **MTRO. JOSÉ RAUL BERNAL LOMELI**, Secretario Administrativo del CENTRO UNIVERSITARIO DE CIENCIAS EXACTAS E INGENIERÍAS de la Universidad de Guadalajara.

CERTIFICA

Que en las actas de exámenes que forman parte del archivo de este Centro existen constancias de que del C. **ALONSO CASTILLO RAMIREZ ******* cuya fotografía aparece al margen, cursó y aprobó las asignaturas del sistema de créditos que a continuación se anotan, cubriendo **TOTALMENTE** el plan de estudios de:

LICENCIATURA EN MATEMATICAS

ASIGNATURA	CR	CALIFICACION	TIPO	FECHA
CICLO 2005 B				
1 PRECALCULO	9	100 CIEN	ORD	09/2005
2 ALGEBRA LINEAL I	9	94 NOVENTA Y CUATRO	ORD	12/2005
3 CALCULO DIFERENCIAL E INTEGRAL	9	100 CIEN	ORD	12/2005
4 GEOMETRIA EUCLIDIANA	9	96 NOVENTA Y SEIS	ORD	12/2005
5 INTRODUCCION A LA COMPUTACION	8	88 OCHENTA Y OCHO	ORD	12/2005
6 INTRODUCCION A LA FISICA	11	97 NOVENTA Y SIETE	ORD	12/2005
7 LOGICA Y CONJUNTOS	9	100 CIEN	ORD	12/2005
8 TALLER DE INTRODUCCION A LA COMPUTACION	3	100 CIEN	ORD	12/2005
CICLO 2006 A				
9 ALGEBRA LINEAL II	8	100 CIEN	ORD	06/2006
10 ANALISIS REAL I	8	100 CIEN	ORD	06/2006
11 CALCULO EN VARIAS VARIABLES	8	100 CIEN	ORD	06/2006
12 ELEMENTOS DE PROBABILIDAD Y ESTADISTICA	8	96 NOVENTA Y SEIS	ORD	06/2006
13 INTRODUCCION A LA PROGRAMACION	8	100 CIEN	ORD	06/2006
14 MATEMATICAS DISCRETAS	8	99 NOVENTA Y NUEVE	ORD	06/2006
15 TALLER DE PROGRAMACION ESTRUCTURADA	4	100 CIEN	ORD	06/2006
CICLO 2006 B				
16 ALGEBRA MODERNA I	13	100 CIEN	ORD	12/2006
17 ANALISIS NUMERICO I	9	96 NOVENTA Y SEIS	ORD	12/2006
18 ANALISIS REAL II	8	95 NOVENTA Y CINCO	ORD	12/2006
19 ECUACIONES DIFERENCIALES ORDINARIAS I	8	100 CIEN	ORD	12/2006
20 ELEMENTOS DE DISEÑO DE EXPERIMENTOS	8	93 NOVENTA Y TRES	ORD	12/2006
21 ESTRUCTURA DE DATOS	11	100 CIEN	ORD	12/2006
22 TALLER DE ESTRUCTURA DE DATOS	4	100 CIEN	ORD	12/2006
CICLO 2007 A				
23 ALGEBRA MODERNA II	8	100 CIEN	ORD	06/2007
24 ANALISIS FUNCIONAL I	8	100 CIEN	ORD	06/2007
25 CALCULO VECTORIAL	8	100 CIEN	ORD	06/2007
26 COMBINATORIA	13	100 CIEN	ORD	06/2007
27 GEOMETRIA NO EUCLIDIANA	8	100 CIEN	ORD	06/2007
28 TEORIA DE LA COMPUTACION	11	100 CIEN	ORD	06/2007
29 VARIABLE COMPLEJA I	8	100 CIEN	ORD	06/2007
CICLO 2008 A				
30 ANALISIS FUNCIONAL II	13	100 CIEN	ORD	06/2008

N.º **D 69942**

Num.
 Código: **005015154**



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DR. VICTOR GONZALEZ ALVAREZ

MTRO. JOSE RAUL BERNAL LOMELI

UNIVERSIDAD DE GUADALAJARA



Hoja no. 2 de 2 Continuación certificado de: ALONSO CASTILLO RAMIREZ *****

CENTRO UNIVERSITARIO
DE CIENCIAS
EXACTAS E INGENIERÍAS

Núm. **D 69943**

Núm. _____
Código. **005015154**

ASIGNATURA	CR	CALIFICACION	TIPO	FECHA
CICLO 2008 A				
31 ECUACIONES DIFERENCIALES PARCIALES I	8	100 CIEN	ORD	06/2008
32 GRAFICAS POR COMPUTADORA	11	100 CIEN	ORD	06/2008
33 SEMINARIO DE OPCION TERMINAL	16	100 CIEN	ORD	06/2008
34 TALLER DE GRÁFICAS POR COMPUTADORA	4	100 CIEN	ORD	06/2008
35 TEORIA DE PROBABILIDAD	8	100 CIEN	ORD	06/2008
36 TOPOLOGIA I	13	100 CIEN	ORD	06/2008
CICLO 2008 B				
37 ANALISIS NUMERICO II	9	100 CIEN	ORD	12/2008
38 ECUACIONES DIFERENCIALES ORDINARIAS II	13	100 CIEN	ORD	12/2008
39 ECUACIONES DIFERENCIALES PARCIALES II	13	100 CIEN	ORD	12/2008
40 ESTADISTICA MATEMATICA	8	100 CIEN	ORD	12/2008
41 FUNCIONES ESPECIALES	8	100 CIEN	ORD	12/2008
42 VARIABLE COMPLEJA II	13	100 CIEN	ORD	12/2008

NOTA: Las abreviaturas en la columna TIPO tienen las siguientes equivalencias. ORD.- Ordinario, EXT.- Extraordinario, REV.- Revalidación, ACR.- Acreditada, EQV.- Equivalente.

La escala de calificaciones es centesimal de 0 a 100, en números enteros, considerando como mínima aprobatoria la calificación de 60.

El presente certificado ampara 42 (CUARENTA Y DOS) asignaturas, con un promedio de 98.90 (NOVENTA Y OCHO 90/100) y un total de 381 (TRESCIENTOS OCHENTA Y UNO) créditos, de un mínimo de 381 (TRESCIENTOS OCHENTA Y UNO) créditos.

A petición del interesado quien realizó el pago correspondiente a esta certificación ante la Dirección de Finanzas de la misma Universidad, se extiende la presente en GUADALAJARA, JAL., a los 23 días del mes de Marzo de 2009.

A T E N T A M E N T E
"PIENSA Y TRABAJA"

"2009, AÑO DEL BICENTENARIO DE CHARLES DARWIN"



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UNIVERSIDAD DE GUADALAJARA

Centro Universitario de Ciencias Exactas e Ingenierías
Rectoría

Of. N° CUCEI/REC/1231/2010

Dr. Marco Antonio Cortes Guardado
Presidente de la Comisión de Condonaciones y Becas
H. Consejo General Universitario
Universidad de Guadalajara
Presente

En atención a la convocatoria para participar en el concurso que otorga becas para iniciar o continuar estudios de maestría o doctorado, emitida el 25 de octubre de 2010, por nuestra Universidad de Guadalajara, por este medio apoyamos la postulación del C. Alonso Castillo Ramírez, egresado de la Licenciatura en Matemáticas de este Centro Universitario, quien ha sido aceptado en el programa del Doctorado en Matemáticas del *Imperial College London*.

El Doctorado a que el postulante está aplicando forma parte de uno de los programas educativos más prestigiosos en el mundo, por lo que se considera que formará a nuestro candidato como investigador de manera exitosa. El supervisor del C. Castillo Ramírez, es el profesor Alexander Ivanov, uno de los algebristas más importantes a nivel internacional.

Cabe hacer mención que el C. Alonso Castillo Ramírez fue reconocido como estudiante sobresaliente en la 37 Ceremonia de Reconocimiento y Estímulo a Estudiantes Sobresalientes de nuestra Casa de Estudios. En dicha ceremonia, no sólo fue el promedio más alto de su carrera, sino el promedio más alto de todo este Centro Universitario con 98.9. Además ha concluido su Maestría en Ciencias en Matemáticas Puras, en el Imperial College London, con altas distinciones.

Por todo lo anterior considero que el C. Alonso Castillo Ramírez es un excelente candidato para obtener una beca por parte de la Universidad de Guadalajara.

Sin más por el momento y agradeciendo de antemano las atenciones que se sirva brindar a la presente, nos ponemos a sus órdenes para cualquier aclaración.

ATENTAMENTE
"2010, Bicentenario de la Independencia y Centenario de la Revolución Mexicana"
"Piensa y Trabaja"
Guadalajara, Jal., 27 de Octubre de 2010


Dr. Cesar Octavio Monzón
Rector


CENTRO UNIVERSITARIO DE
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RECTORÍA

c.c.p. Expediente
COM/ber*

Imperial College London

**Imperial College
London**

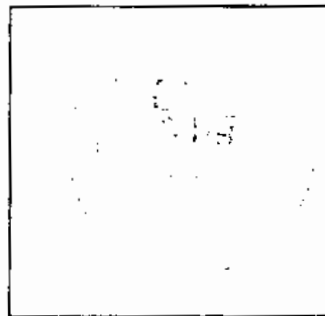
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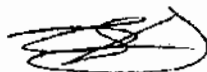
THIS IS TO CERTIFY THAT THE UNDERNAMED:

Surname: Castillo Ramirez
Forenames: Alonso
Date of Birth: 24 April 1987

Is currently registered on a Full Time Postgraduate course for the academic year 2010/11,
details as follows:

Course: Mathematics Research
Start Date: 2 October 2010
Expected End Date: 30 September 2013

Mr Castillo Ramirez is in receipt of an Imperial College International Scholarship, which covers £10,000 of the 2010/11 Sessional College Tuition Fee of £17,000. Mr Castillo Ramirez is also in receipt of an Imperial College Student Opportunities Fund Scholarship which provides an annual stipend of £15,000. Both awards are renewable annually, subject to satisfactory progress, up to a maximum of three years.



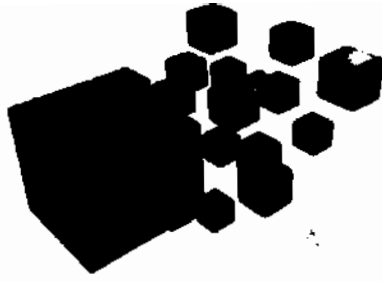
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Imperial College
London

learning to research

A guide to completing
your research degree





How to use this booklet

You should familiarise yourself with this booklet when you start your studies and return to it later on when you have a problem, need to look up some information, or when you wish to review your progress and development at intervals during your studies. This guide flags up a variety of useful information sources, so it may be useful to keep the booklet with your notes, so that you have the information available when you need it.

This booklet describes some of the main features of PhD study and suggests ways in which you can successfully understand and approach it. It covers the main stages of the process, from the initial stages of the project to the final stages of the thesis, and how to make the most of the support available.

It also provides information on the various support services available to you, and how to access them.

Welcome!

We hope you will enjoy your period of research, and we are confident it will be successful and look forward to meeting you. We hope that you find this booklet useful. It contains a lot of information and advice, milestones and requirements of your study, and things that are available to you as a research student. You may not need everything that is in it now, but we would like to encourage you to look at it as soon as you can and also to keep it to hand as a reference guide.

In addition to the links you will develop with your group and department you also become a member of a larger support network; that of the Graduate Schools. All research students at Imperial are members of one of the two Graduate Schools: the Graduate School of Engineering and Physical Sciences (GSEPS) or the Graduate School of Life Sciences and Medicine (GSLSM).

Imperial's Graduate Schools were established to ensure that the research environment is of the highest standard and facilitates your research. They also hold events at which research students can meet and learn more about each other's work. Another role of the Schools is to oversee the quality of the graduate programmes and share good practice across the College.

The Graduate Schools run a full programme of workshops, lectures and events that will further enhance your studies and employability. These activities focus on both academic skills, such as how to write your thesis, and on interdisciplinary and transferable skills that employers seek, such as teamwork. For example, the residential Research Skills Development course covers communication, team building, time management, project management, research planning and creativity, and gives you the opportunity establish contacts and form friendships with students and staff across the College.

We wish you every success in your study and look forward to helping you get the very best from your time at Imperial.



Professor Bernard J. Morley
Director of the Graduate School of Life Sciences and Medicine (GSLSM)
www.imperial.ac.uk/gslsm
☎ 020 8383 2353
✉ b.morley@imperial.ac.uk



Professor Richard I. Kitney
Director of the Graduate School of Engineering and Physical Sciences (GSEPS)
www.imperial.ac.uk/gseps
☎ 020 7594 5184
✉ r.kitney@imperial.ac.uk

What is a PhD?

Successful undertaking of a PhD requires certain abilities, such as initiative and the capacity for critical but constructive thinking, as well as a thorough understanding of the relevant academic discipline and competence in relevant techniques.

PhD: definitions

The College's view is that the ideal programme of study for a PhD at Imperial is an opportunity to:

- undertake a period of in-depth study of a specific topic;
- acquire transferable skills for personal development;
- enlarge your view of the subject area by studying its theoretical foundations and specific techniques;
- develop originality and creativity in research;
- uncover and critically examine the background of the topic;
- enhance skills in forming and testing hypotheses, in developing new theories or in planning and conducting experiments to discover new facts;
- contribute new insights into or develop innovative applications of known science;
- develop skill in writing and presenting results to the level of a high grade journal or scientific meeting.

To acquire the prestigious PhD suffix, a research student has to pass a final written and oral assessment of the work they have undertaken over the preceding three-year period. In that assessment the student has to demonstrate that their research has made a contribution to knowledge.

PhD structure

For most research students, the closest experience they will have had to research studies is completing an undergraduate or Master's course. Research studies are more likely to involve longer and less structured periods of time in which to do your work than undergraduate or Master's study.

You will work with a smaller cohort of fellow students, which often leads to a greater sense of community with other research students and staff in your department. You will have close, professional interaction with your main supervisor and others officially associated with your study, as well as many more informal working interactions. You will need to plan your time in order to complete your studies in three years, and you will need to make yourself responsible for your own time management and work ethic.

Three years may seem like a long time to produce a thesis, but it is not. The study period is intensive, and you must structure your time so that you are able to meet a series of intermediate markers of progression (see page 3). It is common for there to be ups and downs, and when things are going wrong you need a good circle of friends and fellow researchers to call on.

You also need to talk to your supervisor about any problems. Beyond this there is also a network of support in place to assist you (see pages 8–9 for details).

Types of PhD

The overwhelming majority of research students who obtain their PhD at Imperial follow a programme of study involving attendance on a full-time basis, or on a part-time basis involving one or two days of study per week. However, there are some exceptions:

Split PhDs

The College occasionally permits students to carry out some of the research for a PhD abroad under approved conditions. Arrangements for overseas study are mainly limited to institutions overseas with which the College has established links, and in cases where research requires local fieldwork. If a split PhD is approved, the student is required to be in attendance at Imperial College for a minimum of 12 months out of the normal 36 months duration of a PhD.

Joint PhDs

Joint PhD programmes are offered with one or more partner institutions. Students spend a minimum time at each institution (one year for a three or four year programme). Upon successful completion of the programme, the student will receive a single degree, which is awarded jointly by Imperial College and the partner institution(s).

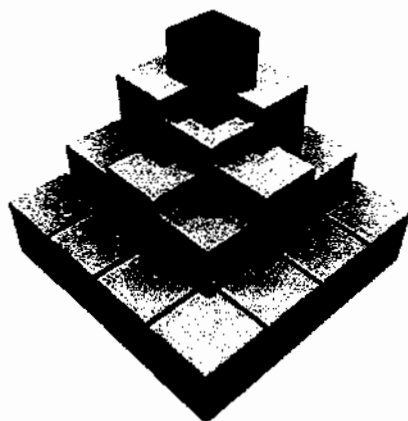
Partner research institution scheme

A student registered under this scheme may carry out the major part of the research at the research centre concerned. The scheme for registration for the MPhil or PhD of persons working in partner research institutions provides for each student to be guided jointly by a College supervisor and by an external supervisor at the institution where the candidate is engaged with research. The College requires that the minimum amount of time that a student should spend at the College is two months per year. More information is available at: www.imperial.ac.uk/registry/admission/priirscheme.

Making the most of your studies

The Graduate Schools have a number of important functions including responsibility for monitoring and enhancing the quality of postgraduate education at Imperial. They are responsible for reviewing PhD programmes, and they run the transferable skills training programme. In addition to this, the Schools organise social and academic events throughout the year. These are designed to bring all postgraduate students together in an interdisciplinary environment, and include research symposia with a chemistry show and reception in May, poster competitions in July, and regular lectures given by distinguished guest lecturers.

The philosophy behind the Schools is seeing the PhD as multi-stranded education, rather than simply a research apprenticeship. This education demands a contribution from you, your supervisor, your department, and your Graduate School.



What is the transferable skills training programme?

This is a programme of workshops in research, professional and developmental skills that runs throughout the academic year. In 2002, a national report (the *Roberts report*) highlighted that PhD programmes did not necessarily prepare students for future employment and recommended that all research students, no matter what their intended career, should receive at least two weeks' transferable skills training during their doctoral training. Whilst you will receive some of this training within your department, the Graduate Schools concentrate on providing generic (non-research-specific) skills across the following categories:

- research management;
- personal effectiveness;
- communication and presentation;
- networking and teamworking;
- career management.

The courses help you to manage, develop and present your research and enhance your employability as well as to help you to develop an understanding of the ethical and commercial role of science in the wider world. The transferable skills programme also has a social benefit, as it offers an opportunity for you to meet and interact with students from different disciplines across the College.

The courses vary in length and format, from one-hour lectures to three-day workshops. There is also a number of online courses available. Most first-year PhD students are required to take a prescribed number of courses prior to their transfer from MPhil to PhD; all research students are strongly encouraged to attend the three-day residential research skills development course. This course won the Times Higher Award for Outstanding Support for Early Career Researchers in 2006. The course can be taken any time from three months to two years after starting your PhD. More information is available at www.imperial.ac.uk/graduateschools/transferableskillstraining.

Other Graduate Schools courses

For students in their second year and above there are a wide range of courses available. These include thesis writing and how to manage the viva, career choices and interview practice. Towards the end of your programme of study there is a two-day intensive non-residential course called *Your PhD: Finish Up and Move On (FUMO)*. This course covers completing your PhD, the thesis and viva, leadership skills and then moving on to the next phase of your career, whatever that might be. FUMO won the Times Higher Award for Outstanding Support for Early Career Researchers in 2008.

Graduate Schools
www.imperial.ac.uk/gseps
www.imperial.ac.uk/gslsm

Research planning

Milestones or markers of progression

It is a requirement of your PhD that you complete the following stages within the time periods allowed. It may be beneficial to plot a timeline based on these milestones in order to start to timetable your research.

Marker	Purpose	Normal due date (full-time study)	Normal due date (part-time study)
Initial plan of study	Ensure the proposed studies have a planned programme of action and degree registration is formalised	Within first three months of commencing study	Within first three months of commencing study
Transfer examination	Transfer from MPhil to PhD registration	Within 9–15 months of initial registration	Within 24–30 months of initial registration
MPhil exam entry and nomination of examiners forms	Entry to the MPhil examination	At least four months before thesis submission and no later than 44 months after initial registration	At least four months before thesis submission and no later than 68 months after initial registration
PhD exam entry and nomination of examiners forms	Entry to the PhD examination	At least four months before thesis submission and no later than 44 months after initial registration	At least four months before thesis submission and no later than 68 months after initial registration
Submission of thesis	Triggers examination	Ideally within 36 months (+/- 6 months 'writing up period') and no later than 48 months	No later than 72 months after initial registration

What if my timetable doesn't work out?

If it looks as if your plans for 36 months completion will not work out, for whatever reason, you and your supervisor should discuss this as soon as possible. If you are considering an interruption to study or taking a writing up period you need to explore all the possible consequences before making a decision about applying for either of these options.

Here are two options that you may need to consider if you think you are likely to run out of time:

Change your status

For full-time students, the normal period in which you should aim to complete your PhD is 36 months from the point at which you enter the College as a research student. However, exceptionally, PhD studies can extend up to 48 months. It is possible after 36 months to transfer your status to 'writing up' (continuation); you may apply to register as a writing up (continuation) student for a maximum period of six months

upon payment of a writing up (continuation) registration fee. As a writing up (continuation) student you can retain your College email and library membership and are eligible to be issued with a council tax exemption certificate. You cannot, however, work in a laboratory. In all cases these should be submitted within 48 months.

Interruption of studies

It is possible, in cases of personal emergency or other similar circumstances, for your supervisor to apply to Registry on your behalf for an 'interruption of studies' (of normally not less than one month and up to a maximum of two years). Your supervisor will need full information from you. If granted, your registration is in effect suspended, no fees are paid, but there may also be other consequences, including, in some cases, a negative financial impact, depending on how your research is funded.

Research methods

Achieving your goals

At this academic level the main onus for obtaining your degree rests with you. There are people and structures to help you, but the heart of research study is your own individual input; your skill, enthusiasm, intellectual dynamism and sheer hard work are vital. Your independence should grow over three years of study.

Apart from a lot of research and writing, and defending your thesis within the allowed time period, there are a number of other requirements, expectations, and things you can do to help yourself, these include (but are not limited to):

- meeting regularly with your supervisor;
- attending events organised by your group/department/Graduate School;
- completing six-monthly reports jointly with your supervisor;
- reading and using your departmental postgraduate handbooks;
- presenting your work orally in a range of forms;
- undertaking any taught courses your supervisor/department specifies, e.g. on background topics or to learn specific techniques;
- producing intermediary written work, especially that required by the College, and any work agreed between you and your supervisor;
- making yourself aware of the background to your research project e.g. by keeping abreast of new developments;
- meeting deadlines;
- using fruitful and up-to-date study methods (e.g. learning how to use new software efficiently);
- obtaining ethical approval where needed following research ethics guidance and avoiding scientific misconduct and plagiarism;
- completing, or going beyond, the transferable skills programme of your Graduate School;
- fulfilling the necessary transfer and entry processes and requirements prior to your final examination;
- maintaining your registration and details with Registry.

What else do I need to know?

It is impossible to specify all the things that a particular student may need to do or that may arise, but, in general, the following gives some indication of the most likely eventualities and how to handle them. The code of practice on pages 6–7 is also helpful in this regard. You should:

- discuss any problems with your supervisor. If this is difficult for whatever reason you may wish to speak with your academic mentor. If neither of these routes is satisfactory you should take matters to the Postgraduate Tutor or the

head of your department, and/or consider bringing the matter to the attention of the student forum;

- if you are ill, inform your supervisor;
- be aware that in certain circumstances it is possible to apply for your studies to be interrupted;
- be aware that if your research requires study or collection of material away from College then your supervisor needs to inform Registry at least a month in advance;
- participate in a national or international meeting (the degree of expectation has some variation by discipline). Start planning early, as funds may be difficult to raise;
- be aware that research involving human subjects and/or human tissue needs ethical permission;
- feed back to the College via the student/staff committee in your department, and by completing the national Postgraduate Research Experience Survey, in which the College participates. The next PRES survey is not due to take place until 2011, however, the College does listen to feedback from research students and endeavours to continue to make improvements to the research experience.

Using the library

At the start of your PhD programme you will receive a guide to the library services from your liaison librarian or campus library manager and a further introduction is usually provided as part of your department's induction arrangements. There is a number of libraries across all College campuses. The library service gives you 24-hour access to a vast range of research journals, reference material, electronic books and subject-specific databases. At the start of your PhD you will receive a guide to the library services from your liaison librarian or campus library manager and a further introduction is usually provided as part of your department's induction arrangements.

The library catalogue should be your first stop for information about all material that can be accessed or borrowed from any libraries. Your liaison librarian or campus library manager will be able to advise you on specialist information resources.

You will automatically be enrolled on *PILS PhD*, an online literacy programme available via Blackboard that aims to assist you in developing advanced research skills, highlighting key resources; copyright and intellectual property laws; tips on avoiding plagiarism; advice on the publishing process, new research technologies, and more.

Learning and support

www.imperial.ac.uk/library/learningandsupport

Library contacts

www.imperial.ac.uk/library/contactshelp/subjectenquiries

Study guidelines and regulations

The precepts below summarise the procedures you and your supervisor will need to follow. You will find the full code of practice for research students and their supervisors on pages 6–7, and for full details of our procedures and regulations, visit www.imperial.ac.uk/registry/information/formsproceduresandregulations.

The 10 precepts

1. The selection process should normally involve more than one member of staff in addition to the Director of Postgraduate Studies or Head of Department or nominee. It is strongly recommended that at least a phone interview should take place and staff who are not experienced in selection or recruitment should normally attend a relevant recruitment and selection workshop.
2. Inexperienced supervisors (who have not supervised a student to completion), including inexperienced clinical supervisors, must attend the College workshop on *Supervising Postgraduate Students* (or equivalent) and comply with the requirements as laid out in the Senate paper *Eligibility for Research Degree Supervision*.
3. Each department must have an induction day/programme for new students and must make provision for late arrivals, either in the form of a second induction day/programme or by ensuring that students meet individually with their supervisor to complete the induction programme.
4. Each department must have a postgraduate handbook.
5. In addition to the supervisor, all students must have an academic mentor.
6. Each department must have a Postgraduate Committee with a minimum of three members including the Director of Postgraduate Studies and Postgraduate Tutor, to oversee the format and quality of the higher degree programme including admissions, induction, registration, transfer, assessment, complaints, training, proposal and appointment of external examiners and completion rates. The Committee must report to the Head of Department and meet regularly.
7. All students should produce an initial plan of study, normally within their first three months and certainly no later than six months and the study plan must be reviewed by at least one independent assessor. Assessors can only be selected by the Director of Postgraduate Studies, Postgraduate Tutor or Postgraduate Committee, but the supervisor may suggest the assessors at the invitation of the Director of Postgraduate Studies.
8. Progress reports are required at six monthly intervals. These must be completed by the student and supervisor in consultation, and signed by both. At every interval the student must be given the option to complete a second,

confidential report. The student may respond to the call for a confidential report with 'no comment'. This report will be for the information of the Director of Postgraduate Studies and/or the Postgraduate Tutor and will not be seen by the supervisor.

9. Transfer should take place no earlier than nine months and normally no later than 15 months. This is to be assessed by at least one independent assessor but normally two. The supervisor may suggest the assessors at the invitation of the Director of Postgraduate Studies, but assessors can only be selected by the Director of Postgraduate Studies, Postgraduate Tutor or Postgraduate Committee.
10. Each department should have a forum to discuss postgraduate issues in which students are represented. This forum should meet regularly.

Health and safety

You are required to take responsibility for ensuring that you follow the correct health and safety procedure. It is your supervisor's responsibility to ensure that:

- all projects are properly assessed for compliance with existing departmental procedures, with general health and safety at work regulations and with College regulations;
- any necessary precautions are agreed between the supervisor and the student and, in all but the most elementary circumstance, committed to written protocol;
- any alterations in method must be documented and discussed;
- regular checks are carried out to see that the student is actually following the agreed procedures;
- controls necessary to protect the student and others are in place, and are in line with agreed departmental/College practice;
- the student is given appropriate instruction when the experiments are devised;
- any health and safety risks that may appear as a project develops are assessed in the same manner as the original project;
- health and safety regulations are observed in cases of 'out-of-hours' work;
- in cases where students disregard matters of safety, disciplinary action is taken to ensure the safety of all persons concerned.

Health and safety training

PhD students will be automatically enrolled in two safety training courses offered by the College's Learning and Development Centre. These are named MOST (Month One Safety Training) and RAFT (Risk Assessment Foundation Training). Find out more at: www.imperial.ac.uk/staffdevelopment/safety/index.

Code of practice

The duties and responsibilities of the research supervisor

- 1.1 A decision to admit a student to a research programme should not be made unless a department is confident that:
 - (a) the student is appropriately qualified;
 - (b) a research topic suitable for that student's abilities and background is available;
 - (c) the necessary facilities (e.g. computing, laboratory) can be provided;
 - (d) proper supervision can be given for the expected duration of the programme.

To ensure that these requirements are met, the Head of Department confirms on the appropriate form that the proposed supervision arrangements conform to the College criteria for the supervision of research students. For part-time students the supervisor will state on the form whether the student will be working virtually full-time on his or her research, and thus required to meet the milestones for full-time students, or if the student will not be able to devote more than two days per week to the research, and thus governed by the milestones for part-time students. In many cases it is possible, when making offers of admission, to indicate the likely research area and/or supervisor, and if so, it is preferable to provide this information.

- 1.2 In some cases, supervisors may make contact with their students before enrolment at the College to advise on general background reading and to encourage an initial literature survey on the research topic.
- 1.3 At the beginning of the student's research the supervisor will give details of the facilities available in the department and any regulations or constraints governing their use.
- 1.4 In the initial period, supervisors will give appropriate guidance about the nature of research and the standard expected, and about how to plan the programme so as to ensure that the normal expectation of submission of the thesis within three years may be met (and that in any event the thesis will be submitted no later than four years after commencement of study). Students are normally expected to complete a research plan in the first three months of study.
- 1.5 Supervisors may recommend where appropriate, especially in the first year, attendance at taught classes, which may be undergraduate lectures, part of an MSc or MBA programme or a special course for research students. They will also ensure that instruction in requisite techniques,

e.g. equipment design, is arranged if necessary. They will also approve and monitor attendance of the Graduate Schools' transferable skills training programmes.

- 1.6 Supervisors will ensure that students receive all necessary safety instructions.
- 1.7 Supervisors will give guidance on the systematic recording of data or theoretical calculations and the importance of keeping and maintaining a clear record of all that has been undertaken.
- 1.8 Where overseas students are experiencing difficulty with English, supervisors will require them to attend English classes. Supervisors will also ensure that non-native English speakers, including Research Assistants and Clinical Research Fellows, are aware that transfer from MPhil to PhD registration is dependent upon their English language proficiency being of an acceptable standard, as attested by the College's English language support programme.
- 1.9 Supervisors will maintain regular contact with their students through tutorials, group meetings or at the bench. They should normally set aside a minimum of one hour per week (on average) for consultation with them.
- 1.10 Supervisors will guide students on the relevant use of library facilities, including approaching original literature and sources with a critical attitude and will give guidance on avoiding plagiarism.
- 1.11 Supervisors will arrange, as appropriate, for their students to talk about their work to staff and/or group seminars, and to have practice in oral presentations.
- 1.12 Supervisors will ensure that students are made aware when progress is inadequate or when standards of work fall below those generally expected and, in appropriate cases, will report such occurrences to the department's Postgraduate Tutor or Director of Postgraduate Studies.
- 1.13 In accordance with procedures agreed by the College, supervisors will ensure that twice-yearly reports are made on all students during their period of registration with the College and will also prepare any additional reports required by funding bodies.
- 1.14 Where appropriate, supervisors will encourage students to produce written work, which may often provide a basis for the preparation of the final thesis; they should return such work with constructive criticism and in reasonable time. The supervisor will impress upon students the need to complete and submit work by agreed deadlines. At the beginning of the third year

they will draw up with each research student a plan for completing the research and submitting the thesis by the end of the year.

- 1.15 Normally, supervisors will encourage their students to publish, singly or jointly, the results of the research as they emerge and are suitable for publication. Individual departments may have local guidelines for publications in specific areas.
- 1.16 In those cases where students are encouraged to undertake further research, either at postdoctoral level or as research assistants, supervisors will make every effort to ensure that such employment does not jeopardise the ability of the students to complete their research, and to submit their theses, within the normal College timescale.
- 1.17 Supervisors will ensure that students are aware of the College Guidelines for proper scientific conduct in research, available at www.imperial.ac.uk/secretariat/policiesandpublications/otherpolicies/properconductandthePolicyandProceduresforInvestigationofallegationsofscientificmisconduct, available at www.imperial.ac.uk/secretariat/governance/charterandstatutes.

The duties and responsibilities of the research student

The following information applies to all research students registered at the College.

- 2.1 Students are required to comply with Imperial College London degree regulations www.imperial.ac.uk/registry/information/formsproceduresandregulations and other College procedures and regulations, including being familiar with College safety requirements and procedures. This includes ensuring that all projects that use human subjects or human tissue have been approved by the appropriate ethical committee.
- 2.2 Students should recognise that their supervisor's role is not to dictate in detail but rather to advise, guide and oversee the research. Even if students are self-sufficient in everyday work, they will need to consult their supervisor about major matters—the background, methods, experimental set up of the research project, elucidation and critical examination of results, relation to wider concerns, side effects, safety—and eventually the preparation of the thesis.

- 2.3 Students should discuss with their supervisor the type of guidance and criticism that they find of most assistance.
- 2.4 It is a requirement that all students draw up and agree a formal research plan with their supervisors, normally within the first three months of registration, but no later than six months.
- 2.5 Attendance at taught courses is strongly encouraged, and all students are urged to take the opportunity to follow appropriate courses, on the advice of their supervisor, so as to consolidate and/or broaden background knowledge. Where appropriate, the student is advised to take any examination associated with the courses, even though the results of the examination may not be relevant.
- 2.6 All research students are expected to complete the transferable skills training programme as part of their registration. This involves completing a minimum number of courses prior to transfer to PhD registration, together with formal training courses run by the student's host department. (Please refer to the Graduate Schools website at www.imperial.ac.uk/graduateschools for details). Students are responsible for choosing the dates of the courses they wish to attend and completing the required booking process in consultation with their supervisor. All students are responsible for informing their supervisors which courses they will be attending and the dates.
- 2.7 Students should always report their holiday arrangements to their supervisor in advance. In accordance with the rules laid down by the Research Councils, no more than eight weeks, including public holidays, may be taken in each year. However, working without a break for seven days a week is likely to be less effective than hard work interspersed with some periods for rest and recreation. Research students are members of the Imperial College Union and are encouraged to participate in its activities; the Union has an active postgraduate group that holds regular social events and discussions.
- 2.8 Where students are unable to attend College because of illness or urgent personal circumstances they shall inform their supervisor or the department as soon as practicable. College regulations require that postgraduate students inform their postgraduate tutor if they are absent from College for more than three days during term. If the absence is due to illness, a medical certificate must be produced after seven days. If an examination is missed on account of illness, a medical certificate must be produced immediately. If the absence is prolonged, normally four weeks or longer, it will be necessary to request an interruption of studies.
- 2.9 Students should maintain the progress of the work in accordance with any deadlines agreed with the supervisor; written material should be presented as required in sufficient time to allow for comments and discussion before proceeding to the next stage. Students must submit two progress reports per year to the departmental Postgraduate Officer. Where students are advised that their progress has been inadequate, they shall take efforts to improve their work to their supervisor's satisfaction, otherwise they may be required to terminate their registration and withdraw from College.
- 2.10 It is not always possible to predict an individual's capacity for research on the evidence of previous academic performance. A PhD programme at the College will include an assessment of research ability based on performance in the initial 9–15 months of the course. For this reason, normally all research students (however outstanding their first degree) shall be registered initially for the degree of MPhil.
- 2.11 Assessment of students' research ability to determine whether registration shall be transferred from MPhil to PhD will be determined by a transfer examination, which can be held after nine months and normally no later than 15 months after the date of initial registration for the MPhil. All students will be required to submit a written transfer report, normally of no more than 20–40 pages, on the work to date, on which they will be given a viva by at least one and probably two impartial assessors. (Work submitted for any report at the end of the first year of study may form part of this transfer examination.)
- 2.12 The purpose of the transfer examination is to confirm that the student:
- understands the problem;
 - is aware of the associated literature;
 - has demonstrated capability to conduct the research;
 - has a realistic research plan and schedule;
 - is of PhD calibre.
- 2.13 If transfer to PhD registration is recommended, this will be backdated to the start date of MPhil registration. Where transfer is not recommended, a student is allowed to submit one further transfer attempt, although in cases of dispute a student may appeal to the Transfer Appeal Committee.
- 2.14 Material included in the transfer report may be used in the final thesis if still applicable.
- 2.15 Most students establish good relationships with their supervisors and serious disagreements occur very rarely. However, if this does happen, a student should initially raise the matter with the department's Postgraduate Tutor or Director of Postgraduate Studies. Each research student is also assigned an academic mentor whose help may also be sought if problems arise. In a few cases, a student may wish to refer matters to the Head of Department,
- the College Tutor or the Graduate Students Association Chair. Where appropriate it may be possible for the student to continue the research under a different supervisor.
- 2.16 Students should have some appreciation of the financial constraints under which the College has to operate and the wider obligations the College has to train research scientists and engineers. An important part of that research training is the ability to complete work within certain deadlines. The normally expected period for completing a PhD at Imperial is three years, with it being possible for the examination to take place during the fourth year; ultimately however it is the student's own responsibility to determine when to submit the thesis, though the supervisor's opinion should always be sought. It is College policy that no full-time student registered for a research degree will be permitted to enter for the examination later than 44 months after initial registration; to submit the thesis for examination later than 48 months after initial registration will require a special case to be made to their Graduate School.
- 2.17 Students are reminded that their thesis must be their own work and all quotations from other sources, whether published or unpublished, must be properly acknowledged. Plagiarism is a very serious offence and, where proven against a student, may result in disqualification from the examination for the PhD and exclusion from all future examinations of the College and/or of the University of London. Some joint work is permitted, provided it is properly and carefully acknowledged as such. The College regulations in respect of plagiarism can be found in the examination regulations, please see www.imperial.ac.uk/registry/information/formsproceduresandregulations.

For further guidance about what to expect, visit: www.imperial.ac.uk/graduateschools.

Sources of support

Academic support

There are many formal and informal ways of obtaining support, help and advice. The formal sources open to you include, but are not limited to:

- your supervisor;
- your academic mentor;
- your departmental postgraduate tutor;
- your departmental Director of Postgraduate Studies;
- your Head of Department;
- your departmental student representative;
- your faculty student representative.

The postgraduate tutor and the Director of Postgraduate Studies

The postgraduate tutor and Director of Postgraduate Studies are responsible for the overall smooth running of the department's postgraduate affairs. Their duties and responsibilities include:

- taking care of pastoral and administrative responsibilities for all research students;
- arranging induction sessions for research students, including special sessions for research students who arrive later than (or earlier than) the first two weeks of session;
- ensuring that proper supervisory arrangements have been made for all students;
- monitoring the initial stages of research and the arrangements for MPhil/PhD transfer;
- mediating in cases of dispute between a student and a supervisor.

The Graduate Schools

All research students belong to either the Graduate School of Engineering and Physical Sciences (GSEPS) or the Graduate School of Life Sciences and Medicine (GSLSM). The Graduate Schools provide a focus for research students to meet one another and exchange ideas across disciplines by way of guest lectures and other social events.

Graduate Schools

www.imperial.ac.uk/gseps

www.imperial.ac.uk/gslsm

The Graduate Students Association

The Graduate Students Association (GSA) is the representative body within the Imperial College Union for the postgraduate community across all Imperial campuses. The GSA works alongside the Imperial College Union President to ensure that the requirements of postgraduate students are catered for. The GSA also ensures that postgraduates' social and recreational needs are met and holds a number of events during the year. Contact the GSA to find out more:

Graduate Students' Association

www.imperialcollegeunion.org/gsa-web

International students

Please note that students who are not native speakers of the English Language undergo an English assessment when they start their research studies that is separate from the English requirements for entrance. The test is chiefly designed to assess writing skills and to enable those who need further English support to have access to it. A second assessment can occur at the time of transfer from an MPhil to a PhD.

International Office

Overseas students may find it helpful to make contact with the International Office if they have not already done so:

www.imperial.ac.uk/international

☎ 020 7594 8040

English language support

One aspect that you may be particularly concerned about is your English Language proficiency. Many opportunities to get help with English language are available both before and during your degree course.

www.imperial.ac.uk/humanities/english

☎ 020 7594 8758

Imperial College Union

Imperial College Union offers advice specifically tailored for overseas students at www.imperialcollegeunion.org/information-and-advice/international-students.

Academic and personal support services

Health Centre
www.imperialcollegehealthcentre.co.uk

Counselling service
To make an appointment:
☎ 020 7594 9637
✉ counselling@imperial.ac.uk

Disabilities Advisor
☎ 020 7594 9755
✉ disabilities@imperial.ac.uk

Student Advisor
Nigel Cooke
☎ 020 7594 8067
✉ advice@imperial.ac.uk

Faith
Chaplaincy Centre
☎ 020 7594 9600
✉ chaplaincy@imperial.ac.uk

Jewish Society Prayer Room
✉ jewish@imperial.ac.uk

Muslim Prayer Room
✉ islam@imperial.ac.uk

College tutors

Dr Anna Thomas-Betts
☎ 020 7594 6430
✉ a.thomas-bts@imperial.ac.uk

Mrs Margaret Cunningham
☎ 020 7594 8277
✉ m.cunningham@imperial.ac.uk

Professor Paul Luckham
☎ 020 7594 5583
✉ p.luckham01@imperial.ac.uk

Dr Mick Jones
(Hammersmith Campus)
☎ 020 8383 1643
✉ mick.jones@imperial.ac.uk

Research resources

Library
www.imperial.ac.uk/library

Library research support
www.imperial.ac.uk/library/learningandsupport/postgrads

College guidelines for proper scientific conduct in research
www.imperial.ac.uk/secretariat/policiesandpublications/otherpolicies/properscientificconduct

Scientific misconduct
www.imperial.ac.uk/secretariat/governance/charterandstatutes

National Research Ethics Service
www.nres.npsa.nhs.uk

Imperial College Research Ethics Committee
www.imperial.ac.uk/research/researchethics

Imperial regulations and appendices
www.imperial.ac.uk/registry/information/academicregulations

Intellectual Property rights
www.imperial.ac.uk/hr/procedures/support/intellectualpropertyrights

Other support

Information for new students
www.imperial.ac.uk/students/newstudents

Health and safety information
www.imperial.ac.uk/safety

Computer help desk
www.imperial.ac.uk/ict/servicedesk

Blackboard
<http://blackboard.imperial.ac.uk>

Careers Advisory Service
www.imperial.ac.uk/careers
☎ 020 7594 8024

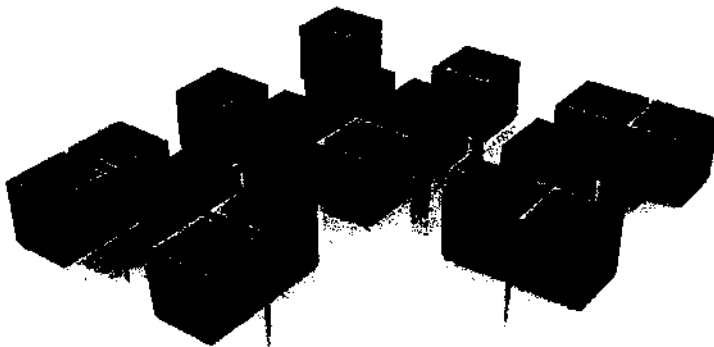
Volunteer Centre
imperial.ac.uk/volunteering
☎ 020 7594 8133
✉ volunteering@imperial.ac.uk

For more information

The Registry website at www.imperial.ac.uk/registry provides much more information than can be included in this booklet. Students and supervisors are encouraged to explore this resource fully for the most up-to-date information. More help is also available from www.imperial.ac.uk/learningsupport and www.imperialcollegeunion.org/information-and-advice.

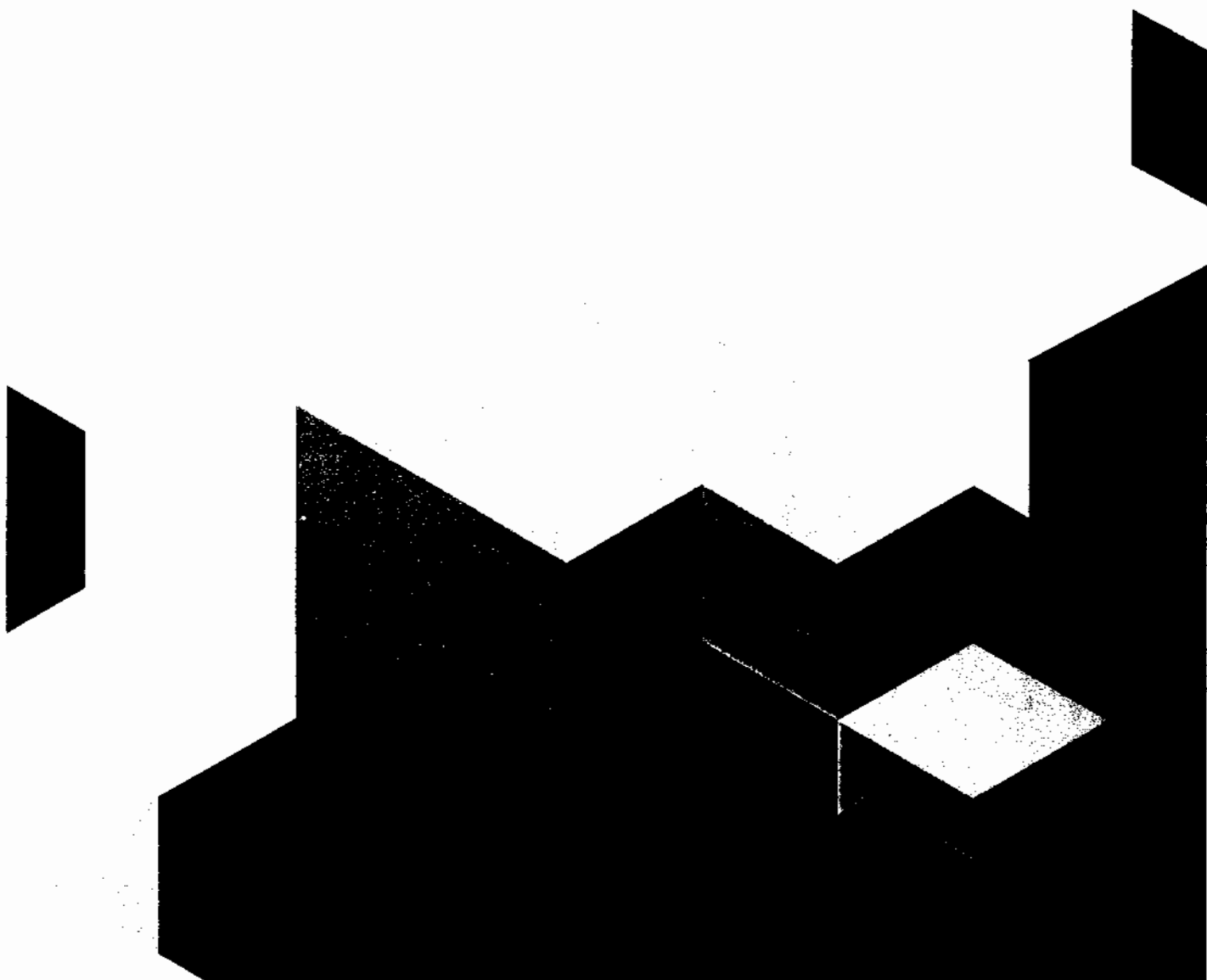
Registry enquiry desk
www.imperial.ac.uk/registry/enquiries

Student Hub
www.imperial.ac.uk/studenthub



This booklet is designed for PhD students at Imperial College London. The idea for this booklet came from a student representative, and it was written by a group comprising postgraduate students and staff from across the College. It aims to:

- suggest ways to help you to cope with the adjustment from taught to research study;
- summarise College requirements and milestones in your studies;
- explain what to expect and what is expected of you during your PhD;
- provide sources of support and information.





TOEFL

Internet-Based Test Examinee Score Report
for the Test of English as a Foreign Language

Test Date:	21 Jun 2008
Sponsor Code:	
Inst. Code:	Dept. Code:

Registration Number:	0000 0000 0572 7612		
Name:	Castillo Ramirez, Alonso		
Gender:	M	Native Country:	Mayotte
Date of Birth:	24 Apr 1987	Native Language:	SPANISH



M04002

000109

Castillo Ramirez, Alonso
Jose Clemente Orozco 1191
Mezquitlan Country
Guadalajara, Jalisco 44260
Mexico

TOEFL SCALED SCORES	
Reading	30
Listening	29
Speaking	22
Writing	24
Total Score	105

The face of this document has a multicolored background – not a white background.

Reading Skills	Level	Your Performance
Reading		<p>Test takers who receive a score at the HIGH level, as you did, typically understand academic texts in English that require a wide range of reading abilities regardless of the difficulty of the texts.</p> <p>Test takers who score at the HIGH level, typically</p> <ul style="list-style-type: none"> • have a very good command of academic vocabulary and grammatical structure; • can understand and connect information, make appropriate inferences, and synthesize ideas, even when the text is conceptually dense and the language is complex; • can recognize the expository organization of a text and the role that specific information serves within the larger text, even when the text is conceptually dense; and • can abstract major ideas from a text, even when the text is conceptually dense and contains complex language.
Listening Skills	Level	Your Performance
Listening		<p>Test takers who receive a score at the HIGH level, as you did, typically understand conversations and lectures in English that present a wide range of listening demands. These demands can include difficult vocabulary (uncommon terms, or colloquial or figurative language), complex grammatical structures, abstract or complex ideas, and/or making sense of unexpected or seemingly contradictory information.</p> <p>When listening to lectures and conversations like these, test takers at the HIGH level typically can</p> <ul style="list-style-type: none"> • understand main ideas and important details, whether they are stated or implied; • distinguish more important ideas from less important ones; • understand how information is being used (for example, to provide evidence for a claim or describe a step in a complex process); • recognize how pieces of information are connected (for example, in a cause-and-effect relationship); • understand many different ways that speakers use language for purposes other than to give information (for example, to emphasize a point, express agreement or disagreement, or convey intentions indirectly); and • synthesize information, even when it is not presented in sequence, and make correct inferences on the basis of that information.



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