

*Doctor of Divinity (honoris causa)*

**ANITA LASKER WALLFISCH**

*visiting lecturer in the Faculty of Divinity, 'cellist and a co-founder of the English Chamber Orchestra, survivor of, and writer on, the Holocaust*

*Doctor of Law (honoris causa)*

**SHIRIN EBADI**

*lawyer and judge, formerly President of the Tehran City Court, Lecturer in Law, University of Tehran, Nobel Laureate*

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**SIR MARTIN JOHN EVANS**, M.A., SC.D., F.R.S., F.MED.SCI.

*Honorary Fellow of Christ's College and of St Edmund's College, formerly Professor of Mammalian Genetics in the University of Cambridge, President of the University and formerly Professor of Mammalian Genetics and Director of the Cardiff School of Biosciences, University of Cardiff, Nobel Laureate*

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**Dame ALISON FETTES RICHARD**, D.B.E., M.A.

*Honorary Fellow of Newnham College, of Wolfson College, and of Lucy Cavendish College, Vice-Chancellor Emerita*

*Doctor of Science (honoris causa)*

**MILDRED SPIEWAK DRESSELHAUS**

*of Newnham College, physicist, Professor of Physics and Electrical Engineering, and Emerita Institute Professor, Massachusetts Institute of Technology*

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**Sir PETER MANSFIELD**, F.R.S., HON. F.R.C.R.

*Honorary Fellow of Hughes Hall, medical physicist, Emeritus Professor of Physics in the University of Nottingham, Nobel Laureate*

*Doctor of Letters (honoris causa)*

**Sir TREVOR ROBERT NUNN**, C.B.E., B.A.

*Honorary Fellow of Downing College, theatrical director, formerly Artistic Director of the Royal National Theatre and Director Emeritus of the Royal Shakespeare Company*

*Doctor of Music (honoris causa)*

**Sir COLIN REX DAVIS**, C.H., C.B.E.

*conductor, formerly Musical Director of the Royal Opera House, President and formerly Principal Conductor of the London Symphony Orchestra*

The Orator delivered the following speeches when presenting to The Chancellor the recipients of Honorary Degrees:

**I**PSA deficit eloquentia quae scelera illa nefaria humani generis expurgandi causa commissa satis clare depingat: ita scripsit rebus experta quae agmen nostrum iam ducit. tertia filia mediocri genere Budorgiensi oriunda, patre bona opinione iurisconsulto, ingeniosa fidicina matre, familiam dissolui, domum in egestatem redigi, parentes auiamque ad carnificem dimitti impotens spectauit. deinde in officinam chartariam missa ut nescio quae ad exercitus usum necessaria pararet diplomatis liberi commeatus fingendis nonnullos alios captiuos et eum qui Vlixei similis ligneo equo usus gloriam adeptus est cum sorore adiuuit ut e manibus hostium elaberentur. qua re tandem patefacta fuga se recipere nequibant: arripiuntur ambae puellae, damnantur, in locum illum publicae custodiae et necis cuius nomen horret omnis bonos coniciuntur. nec dubium est quin illic moriturae fuerint nisi haec mulier in fidibus maiusculis canendis habilis in carceris cateruam musicam ascita esset. 'ex istis locis caede plenis,' inquit, 'dum canebamus ad regna altiora quam ut mors sordes pestilentia attingere posset nos extulimus.'

uitam a Musis conseruatam rei musicae dedicauit. aetate iam progrediente haec mulier horrendum in modum cruciata quae uictimae partem tueri nescit, quae humanitatem suam saeuissimo hominum furore dementia crudelitate temptatam integram seruauit, e flammis et exitio fletu ut dicam fortunae uindicata non ad otium quamuis meritum se confert sed flebili in libello, in contionibus omni in ora habitis, apud iuuenes alios et praesertim in Schola nostra Theologiae claram uocem tollit ut omnes quibus haec nefanda fabulae esse uideantur uerum accipiant.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregiam hanc mulierem, in Schola Sacrae Theologiae nostra hospitis iure praelectricem adscriptam, fidicinam inter conditores Cateruulae Symphoniacae Anglicae numeratam, eius necis quae ὀλόξανστος dicitur superstitem et scriptorem,

ANITA LASKER WALLFISCH

ut honoris causa habeat titulum gradus Doctoris in Sacra Theologia.

**'**WORDS can never convey the abomination that took place in the name of cleansing the human race.' So wrote our first honorand, having witnessed the horror at first hand. She was born in Breslau, the third daughter of a middle-class Jewish family, her father a respected lawyer, her mother a talented violinist; she was forced to watch as that family was torn apart, as they were reduced to poverty, as her parents and grandmother were sent off to the death camps. Ordered then to work in a paper factory producing goods for the war effort, along with her sister Renate she forged travel documents which enabled many prisoners of war to flee to safety, among them Eric Williams, who escaped Stalag Luft III by means of a wooden horse. But their deception was discovered, and there was no escape. The girls were arrested, found guilty, and sent to Auschwitz, that place of imprisonment and slaughter whose name will for ever cast a shadow over humanity. Nor is there any doubt that both girls would have met their deaths there, had not Anita, who was able to play the 'cello, been adopted into the Camp Orchestra. 'We were able to raise ourselves high above the inferno of Auschwitz,' she says, 'into spheres where we could not be touched by the degradation of concentration camp existence.'

The life which music had saved she dedicated to music. Now, supposedly, she is retired. But this woman who has seen such terrible suffering but refuses to be a victim, who managed to preserve her sense of humanity despite the worst assaults of human madness and cruelty, who was snatched, as it were, by fortune from the fires of destruction, has not taken up the life of ease which she so deserves. Instead in a remarkable and moving book, in lectures and talks the world over, in meetings with young people elsewhere and in our own Faculty of Divinity she raises a clear voice so that all those to whom these abominable deeds run the risk of appearing a mere story, might Inherit the Truth.

*Distinguished Chancellor, members of the University, I present to you*

ANITA LASKER WALLFISCH,  
*visiting lecturer in the Faculty of Divinity, 'cellist and a co-founder of the English Chamber  
 Orchestra, survivor of, and writer on, the Holocaust,*

*that she may receive the title of the degree of Doctor of Divinity, honoris causa.*



QVID faciatis si nomen ad sicarios relatum reperiatis? quod quidem ei accidit quam nunc honoramus cum de caede a republica iussa quaereret; nec iam superstes esset nisi nescio quis magistratus religione constrictus festis diebus necare timuisset. sed longius est nobis repetendum.

haec prima erat femina quae in ordinem iudicum ascita Teheraniae iudicio praesideret. conuersa tamen republica ab eisdem sacerdotibus quibus contra regem molientibus rerum nouarum cupida fauerat de dignitatis gradu demota ad tribunal cui antehac praefuerat scribae officio iussa est fungi. de iniquitate ita re docta pro feminis, pro liberis, pro omnibus qui iniquo iudicio circumuenti sunt causas dicere coepit. et non modo nullo stipendio affecta est, uerum etiam summis periculis se obtulit. nam apostata dicitur, religionis suae proditrix, sacrarum legum doctrinaeque oppugnatrix: non tamen Prophetiae praecepta sed pontificum barbatorum seueriores sententias labefactat; religionem paci, iustitiae, liberalitati deuotam non odit, non abiurat, non prodit, sed uerum eius ingenium colit et defendit. itaque fictis moris eam impediunt, uim carcerem percussorem ei minantur, num quis uocem eius tandem sit compressurus postulant. sed deterreri non uult, contineri nequit, conticescere nescit: cum qualibet in urbe de patria excitanda sermonem habet tot milia in congressum ire cupiunt ut nulla cauea turbam auidam capere possit. cum nuntiatum esset eam palmis Nobelianis coronatum iri, tanta hominum frequentia ad salutandum concurritur ut etiam ei quos penes est reipublicae administratio eam laudare coacti sint. mox tamen nomisma eripuerunt, bona publicauerunt, sororem innocentem in carcerem coniecerunt. sed etiam nunc in exilium eiecta consilio quod ad iura hominum defendenda condidit praesidere pergit. bene enim illo Persarum prouerbio praecipitur: seruitium si euertere nequeas, aliis saltem esse monendum.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregiam hanc mulierem, iurisconsultam et iudicem, urbis Teheraniae iudici quondam praesidem, eiusdem urbis in uniuersitate iuris praelectricem, palmis Nobelianis coronatam,

SHIRIN EBADI

ut honoris causa habeat titulum gradus Doctoris in Iure.

WHAT would you do if you found your name on an assassin's list? That is exactly what happened to our second honorand while investigating a case of murder ordered by the state. And she would not be alive today had not some magistrate, stayed by religious scruple, been afraid to order her death in the holy month of Ramadan. But I anticipate myself.

*She had been the first woman to be appointed to the bench and preside in the Tehran City Court. But after the Islamic Revolution she fell foul of the very clerics whom she had supported against the Shah. Demoted from office, she was ordered to serve as a clerk in the court over which she had formerly presided. Experiencing the injustice of the regime for herself, she began a practice to represent the rights of women, of children, and of all those who had similarly been mistreated. Not*

*only did she do this unpaid, she exposed herself to the gravest danger. Apostate, they call her, traitor to her religion, opponent of Islamic law and doctrine. But it is not the teachings of the Prophet she opposes, but the oppressive opinions of self-important clerics. She does not hate Islam, a religion dedicated to justice and fairness, whose very name means Peace, she does not reject it, she does not betray it, but cherishes and defends its true character.*

*And so they invent obstacles to obstruct her. They threaten her with violence and gaol and assassination. 'Someone stop this woman,' they cry, 'or we'll shut her up ourselves!' But she will not be intimidated. They cannot stop her. She cannot be silenced. Whenever she talks about her memoir, *Iran Awakening*, such are the crowds eager to hear her that no auditorium can hold them. When it was announced that she had won the Nobel Prize for Peace so many came to greet her that even the government was forced to offer its congratulations. But they stole her medal; they confiscated her assets; they even threw her sister, guilty of no crime, into prison. Even so, from exile she continues to chair the Defenders of Human Rights Center which she founded, because, as the Persian proverb tells us, 'If you do not have the power to overthrow the rule of oppression, you must at least inform others of it'.*

*Distinguished Chancellor, members of the University, I present to you*

SHIRIN EBADI,

*lawyer and judge, formerly President of the Tehran City Court, Lecturer in Law, University of Tehran, Nobel Laureate,*

*that she may receive the title of the degree of Doctor of Law, honoris causa.*



**E**ST in cuiusuis animalis partu inchoato cellula quaedam mirabilis, stirps ipsa uitae, Neque ad hanc rem neque ad illam aptius conformata, sed continuo diffisa fecunda genitrix progeniei numerosae quae

omnia transformat sese in miracula rerum,  
osque lacertososque toros albasque medullas.<sup>1</sup>

quas cellulas repertas hospes hic noster dum apud nos laborat e murino partu sublatas in patellam uitream inserit, colit, augeri cogit. particulam porro genetricem alteram e nucleo elidit, alienam alteram incit ut cellula tandem uicariam in matrem inserta murium gens quolibet corporis habitu exoptato praedita exoriatur. iam si percontari uultis quid in animali efficiat particula nescio quae genetiua, eadem e nucleo excussa murem natum obseruate! aut si quid medicamenti est probandum, murem ad usum conformate! o paruulorum uitae secretorum indagator, o admirabilis murinae gentis in usum inuestigatoris creatae quasi progenitor, quid mirum si honores Nobelianos consecutus es?

sed quo tandem haec inuestigatio? quid demum prodest? hoc unum exemplum adduco: fiet ut cellulae adulto e corpore ereptae, ut summae cutis ramenta, quibus potestas illa pristina se multiplicandi et conformandi sit restituta, forma conuersa membrum sanum producere cogantur non respuendum quia non alienum quod pro parte morbo affecta in corpus aegrum substituat.

xiii abhinc annos a nobis discessit ut apud Tamienses in professoris cathedram ascenderet. mox amplissimum honorum gradum adeptus toti Vniuersitati iam praesidet. hodie huic nostro filio reduci iamdudum purpureo ornato pallium alterum alio colore subsuto laeti donamus.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, equitem auratum, Magistrum in Artibus, Doctorem in Scientiis, Societatis Regalis Sodalem, Academiae Scientiarum Medicarum Sodalem, Collegi Christi nec non Collegi Sancti Edmundi honoris causa Socium adscitum, rei geneticae animalium mammatorum quondam apud nos postea apud Tamienses professorem, Vniuersitatis Tamiensis praesidem, laureis Nobelianis coronatum,

MARTIN JOHN EVANS

ut honoris causa habeat titulum gradus Doctoris in Iure.

**T**HERE exists in the embryo a special kind of cell, called a stem cell, lacking specialisation, suited to no particular task, but able to reproduce itself almost without limit, and to transform itself into any type of tissue—bone, say, or muscle, or white marrow. These cells our honorand discovered while working here in Cambridge: he extracted them from a mouse embryo, cultured them in vitro, and persuaded them to multiply. But more than that he could alter their genetic code, removing a gene here, inserting a new one there, so that when the cell was implanted into a surrogate mother mouse he could produce an entire rodent lineage with any trait he desired. If you want to know what a particular gene does in the mature animal, you can now remove it from the stem cell and examine the mouse that arises. Or if you have a drug to test, you can design your ideal experimental subject. In this way he has probed the minutest details of mammalian genetics; and he created the line of modified mice used in laboratories throughout the world. Rightly they are called ‘knock-outs’, and rightly he was awarded the Nobel Prize.

Where next for this research? Of what practical use is it? I mention one example. Already cells taken from an adult body—a sample of skin, perhaps—can have the stem cells’ power of proliferation and protean differentiation restored to them; one day we shall be able to make them grow into any desired tissue so as to repair damaged organs, and because the cells are the patient’s own, there will be no danger of rejection.

In 1999 Sir Martin left us to take up a Chair in the University of Cardiff. Ten years later he became their twenty-second President. Now he returns to us so that we may honour him, and since he already has the scarlet gown of a Doctor of Science, today we offer him one faced with a different colour.

Distinguished Chancellor, members of the University, I present to you

Sir MARTIN JOHN EVANS, M.A., SC.D., F.R.S., F.MED.SCI.,  
 Honorary Fellow of Christ’s College and of St Edmund’s College, formerly Professor of  
 Mammalian Genetics in the University of Cambridge, President of the University and formerly  
 Professor of Mammalian Genetics and Director of the Cardiff School of Biosciences, University of  
 Cardiff, Nobel Laureate,

that he may receive the title of the degree of Doctor of Law, honoris causa.

<sup>1</sup> See Virgil *Georgics* IV 441f.



**Q**UID opus est hanc uobis mulierem commendare, magistri (pertrito dicto ignoscatis  
 obsecro), quam saepius in hoc suggestu sedentem ad quem nunc adstat uidimus?

corpus non magnum magni laboris patiens incredibilem celat animi uirtutem et firmitatem. mens propositi tenax si quid opera dignum suscipit, in id incumbit neque ullum tempus a labore intermittit. in rebus administrandis consensionem iusso maioris facit: per vii annos huius Academiae praeses Collegia xxxi non tantum cum uniuersitate uerum etiam inter se nonnumquam discordia cunctis uiribus contendebat ut in negotio conficiendo communi communem operam conferrent; et in Vniuersitatem e Collegiis concretam usurpando uocabulum nouum nostrum in sermonem induxit quod iam omnium in ore auditur. sermone quidem libero et candido omnia consilia cum consociis, cum alumnis, cum quibuslibet aliis conferre uolebat. deinde cum ad dicendum aggressa est, seu ut bibliothecario longum ob ministerium gratias ageret, seu augustissimam reginae maiestatem uerbis grauioribus in hoc senaculo fideliter alloquendi causa, tanta eloquentia ualebat ut animos audientium semper permoueret. luxus et imperi insignium non erat cupida: non enim diuitis carruca sed rubra birota obsoleta quasillo ornata uehi delectabatur.

eadem instituit ut legatio quotannis peregre duceretur; octingentesimo nostro anno Academiae res gestas concelebrauit; audacem rei nummariae petitionem direxit. quos inter labores marito carissimo adiuuante pitheciis suis uacare numquam desiit. apud ea quidem diuturnae obseruationis causa duodecimum quemque mensem in Hannonis insula rude tugurium habitabat. et cura Academiae successoris tradita cum primum a senaculo discessisset, ad ea, ut ferunt, statim se contulit.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregiam hanc mulierem, Excellentissimi Ordinis Imperi Britannici Dominam Commendatricem adscriptam, Magistram in Artibus, Collegiorum Newnhamensis, Wolfsoniani, Luciae Cauendish honoris causa sociam adscitam, dignissimam nostram Procancellariam emeritam,

ALISON FETTES RICHARD

ut honoris causa habeat titulum gradus Doctoris in Iure.

**I**T is a commonplace to say 'Our next guest needs no introduction.' But in this case I hope I may be forgiven, since there now stands before the dais a woman whom we have been more accustomed to see sitting upon it.

*Her enormous energy is a source of no small wonder to all who know her. Indefatigable in her purpose, when once she is set upon a course of action she works tirelessly for its accomplishment, and no obstacle can deter her. In leadership it is consensus that she values more than command. Throughout her seven years as our Vice-Chancellor she strove to ensure that the University and its thirty-one Colleges, who sometimes find it as difficult to agree with one another as with the centre, should work together to achieve our common aims. Indeed, in talking often of 'Collegiate Cambridge' she introduced a new phrase to our language, and not just a modish buzz-word, but one which is now on everyone's lips. Communication, too, is important to her. Everything was a matter for discussion, with colleagues, with alumni, with the wider community. And when she came to give a speech, whether to thank a library assistant for long and dutiful service or to proclaim our loyal address to the Queen's Most Excellent Majesty, such was the power of her oratory that she always won the hearts and minds of her audience. The trappings and perquisites of office did not attract her: not for her the chauffeur and limousine—she prefers her battered red bicycle with its wicker basket.*

*It was she who established the annual custom of leading large delegations to promote the University abroad; it was she who led the celebrations of the University's achievements in our eighth centenary*

*year; and it was she who guided us through the most ambitious fundraising campaign of any British university. Amid such great labours, and supported by her devoted husband, she somehow always managed to find time for her sifakas. Every year she would spend time living among them in a Madagascan hut to continue her decades-long project of tagging and observation. And when she had handed over the care of the University to her successor, as soon as she left this Senate-House it was to them, so they say, that she immediately returned.*

*Distinguished Chancellor, members of the University, I present to you*

Dame ALISON FETTES RICHARD, D.B.E., M.A.,  
*Honorary Fellow of Newnham College, of Wolfson College, and of Lucy Cavendish College,  
 Vice-Chancellor Emerita,*

*that she may receive the title of the degree of Doctor of Law, honoris causa.*



Ἄριστον μὲν ὕδωρ, ὃ δὲ χρυσὸς αἰθόμενον πῦρ  
 ἄτε διαπρέπει νυκτὶ μέγανος ἔξοχα πλούτου.

ita Pindarus. mihi tamen, si de elementis quaerimus, nil laude dignius uidetur quam carbo. quo enim adempto quod genus animantium exoriri poterat? nec minus mirifica est formae et naturae eius uarietas. nam interdum fit ut atomi cancellatim instructae crystallum pellucidum producant tanta firmitate ut adamas dicatur quia nequeat domari; aut interdum laminae lubricosissimae ex annulis senarum particularum concretae in glaucam materiam coeunt quae nomen ducit e γράφειν. tum autem laminae longas in fistulas complicantur ferrum robore superantes sed adeo tenues ut earum quinquaginta milia capillum transuersum haud aequent. forma iterum mutata pusillos iam globulos uidemus, iam spumae similem congeriem aere uix densiorem.

taceto igitur Pindarus dum carbonem celebramus, et carbonis callidissimam inuestigatricem. illustrissima enim haec mulier quam uidetis, magistri, humili loco nata, Collegi Hunteriani alumna, elaboratorii nostri Cauendishiani quondam hospes, inter omnes qui de rerum densiorum natura quaerunt adeo eminent ut disciplinae suae caput et quasi regina esse uideatur. reginam dixi? immo, ueram matremfamilias dicamus eam cuius inter collegas maritus neptisque numerantur. quo pacto in carbonis atomo particulae electronicae se conformarent incensae lucis radiis illustrauit. eas quas supra memorauit fistulas existere praeuidit, uim electronicam in longitudinem transmittere sed in transuersum repugnare praedixit, experimentis temptauit. tum demum discipulorum diserta est praeceptrix, inuestigatorum sapiens procuratrix, mulierum quae laudem e rebus scientificis spectant impigra propugnatrix. si quamobrem eam honoremus requiritis, non una est causa sed mille.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregiam hanc mulierem, Collegi Newnhamensis alumnam, rerum naturae indagatricem, rei physicae et ingeniariae electricae professorem in Instituto Technologiae de Massachusetts et eiusdem Instituti professorem emeritam,

MILDRED SPIEWAK DRESSELHAUS

ut honoris causa habeat titulum gradus Doctoris in Scientiis.

*‘WATER is best,’ wrote Pindar, ‘and gold, like a blazing fire in the night, stands out supreme of all lordly wealth.’<sup>2</sup> But if we are talking of elements, none seems to me more worthy of praise than carbon. Without it, there could be no life on earth. And then, the variety of its forms is amazing. Sometimes its atoms form a clear, crystal lattice of adamantine diamond, that most indestructible of materials. Then again six-fold rings of atoms form slippery sheets of graphene which stack on top of one another in dark graphite. Or the sheets may bend into long nanotubes, each less than one fifty-thousandth the width of a single human hair, but with a tensile strength greater than that of steel. In yet another form we see tiny buckyballs; or nanofoam, scarcely denser than air.*

*So let Pindar be silent while we praise carbon, and carbon’s most skilful investigator. The woman you see before you, risen from humble beginnings in the Bronx, educated at Hunter College, a visitor once to our Cavendish Laboratory, so stands out among condensed matter researchers that she appears the very head and, as it were, queen of her discipline—or perhaps we should rather say matriarch, since she counts her husband and granddaughter among her colleagues. Using lasers she revealed the electronic structure of graphite. She predicted the existence of carbon nanotubes, she foresaw that they would conduct electricity in one direction and not the other, and she proved it by experiment. She is, moreover, a most eloquent teacher of students, a wise adviser of graduate researchers, and a tireless advocate and champion of women in science. She is loved and respected by all those in her field, to whom she is known simply as Millie.*

*Distinguished Chancellor, members of the University, I present to you*

**MILDRED SPIEWAK DRESSELHAUS,**  
*of Newnham College, physicist, Professor of Physics and Electrical Engineering and Emerita  
Institute Professor, Massachusetts Institute of Technology,*

*that she may receive the title of the degree of Doctor of Science, honoris causa.*

<sup>2</sup> *Olympian* 1 1–2, translated by Diane Svarlien.



**K**αινοτομεῖν αἰὺν Γραεὶ σὶ quem aliquid noui excogitauisse uolunt dicere. hunc tamen uirum, cui puero magister quidam monuit ne scientiae studeret, cum nouam facultatem et aciem uidendi chirurgus dederit sine ullo scalpello aut ferro totam artem diagnosticam nouasse recte affirmamus. quae res cum ipsa difficilis est narratu, tum oratorem impedit patrii sermonis egestas,

sed quia uera tamen ratio naturaue rerum  
cogit, ades, paucis dum uersibus expediamus  
semina aquae nostros liquidae superesse per artus  
quorum quaeque suo minimae uersentur in axe  
partes ut torto uolitet sub uerbere turbo.  
iam lapis adductus, ferrum qui ducere gaudet,  
quem Magneta uocant patrio de nomine Grai,  
has ad se traheret, si posset, corriperetque.  
sed quia eas cohibet sibi copia materiai  
motus immutant incuruos ordine certo  
ut polus unus sit gyrum qui derigat omnem.  
exinde inicias radiorum lucida tela  
conuenienti ui prorsus properantia cursim,  
ictibus innumeris impulsus flectitur axis,  
labitur, et recta fugit a regione uiai.  
extinctis radiis resilit retroque residit,



at quia praecepto certo natura creatrix  
 nullam uim patitur de nilo sponte creari,  
 nullam deleri sinit atque in nil reuocari,  
 umoris partem minimam corpusculum eadem  
 qua ui percussast opus est emittere lucis,  
 haec magis ut niteant ubi tractat saeua potestas  
 Magnetis lapidis, tenebrosius haec ubi mitis.  
 nec mora, consiliis sollers quae cogitat hic uir  
 ante oculos subito species cadit intuma rerum  
 implicita ut liceat iam cernere uiscera, si uis,  
 iam cor dum pulsat uiuens in pectore uiuo.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, equitem auratum, Regiae Societatis Sodalem, Regii Radiologorum Collegi Sodalem honoris causa adscitum, Aulae Hugoniana Socium honoris causa creatum, rei physicae professorem emeritum in Vniuersitate Snotinghamiensi, naturae acrem ac diligentem inuestigatorem palmis Nobelianis coronatum,

PETER MANSFIELD

ut honoris causa habeat titulum gradus Doctoris in Scientiis.

**T**HE Greek word for 'innovate' literally means 'cut anew'; but we have before us a man who, through the development of the medical MRI scan, we can rightly say has revolutionised the diagnostician's art, without the use of a scalpel. The principle is not easy to explain, and the difficulty is compounded by the traditional mode of speech we adopt in our ceremonies ...

... but yet because true reasoning and the nature of things constrain us, give heed, while in a few verses we set forth that there is an abundance of water molecules throughout our limbs, some of whose nuclei spin, each on its own axis, like a child's top. The stone which the Greeks call magnet after the place where it is found, as it rejoices in attracting iron, so too it exerts a force upon these nuclei, and would draw them to itself, if it could; but since they are held fast by the stock of matter they align their spinning motions in a fixed direction so that one axis of rotation directs them all. Then, if radio waves of correct frequency are cast upon them, rushing in at the speed of light, struck by countless invisible blows the axis is deflected and bends away from its proper place. These waves once more extinguished, the axis springs back and resumes its former direction. But since by thrifty decree Nature, the Creator of the Universe, does not suffer energy to arise spontaneously from nothing, nor again to be destroyed and return to nothing, each nucleus must needs send forth a particle of light having the same energy as that with which it was struck, so that where the magnet's pull is strong they shine forth more brightly, more dimly where it is weak. There is no delay: through cunning algorithms devised by our honorand images of the inmost recesses of things quickly fall before our eyes, so that we can examine the twisted coils of viscera, if we wish, or living heart beating in living breast.

Not bad, for someone whose teacher told him that he had no future in science.

Distinguished Chancellor, members of the University, I present to you

Sir PETER MANSFIELD, F.R.S., HON. F.R.C.R.,  
 Honorary Fellow of Hughes Hall, medical physicist, Emeritus Professor of Physics in the  
 University of Nottingham, Nobel Laureate,

that he may receive the title of the degree of Doctor of Science, honoris causa.



**M**AIORES nostri artem ludicram aliam alii Musae curandam discripserunt; in qua re si non errauerunt hic uir nobis honorandus haud potest fieri quin non huic aut illi sed omnium Musarum toto choro habeatur carissimus. nam cum utrique huius ciuitatis maximo theatro, alteri Shakespeariano, Populari alteri, summa cum laude praefuit, tum etiam apud eos qui quaestui fabulas habeant immortalitatem sibi parauit. si igitur idem histrionibus in cuneis spectantibus comitem Caladarenses de re publica capienda coniurantem, idem uitam facinorae tuae, Nicolae, magistrorum scelestorum pestis, octonas in horas producta in scaenam induxit; si eo duce et cothurnis indutis uir mendicus et membris debilis puellam e lenonis manibus seruauit, et tu, miser Iohannes, plus quam annos xxv spectatorum clamores excitauisti; si denique etiam in theatrum cinematographicum artem suam intendit, utrum a paucis illis senibus seuerioribus stemus qui auram populariorem eum captare querantur (ain tu? nonne uates ipse Aufonensis etiam aliquid coronae dare solebat?) an cum hospite nostro consentiamus: num quid interesse inter quas maiores scripserint fabulas, quasque nostra producat aetas? aut quibus graues serique modi concinant, quibusue leuiore?

Academiae suae non immemor cum Societas Marlowensis nuper annum centesimum celebraret fabulam Cunobelinum in qua olim partem egerat plaudentibus omnibus docuit. et licet non sit qui munificentiam iactanter ostendet, quis tamen nescit Φιλοθεαμόνων nostrae Sodalitatis theatro publica collatione tam opipare restituto liberalissimum hunc uirum donum atque cumulum esse largitum?

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, equitem auratum, Excellentissimi Ordinis Imperi Britannici Commendatorem, Baccalaureum in Artibus, Collegi Downingiani honoris causa Socium adscitum, histrionum magistrum, Popularis Theatri Regalis olim rectorem, Cateruae Regalis Shakespearianae rectorem emeritum,

TREVOR ROBERT NUNN

ut honoris causa habeat titulum gradus Doctoris in Litteris.

**I***F the ancients were not in error when they allotted each dramatic art to the care of a different goddess then surely our next honorand is loved not by this Muse or that, but by their entire band. He has been the director of both the Royal Shakespeare Company and the Royal National Theatre, but he has also enjoyed unparalleled success in the commercial theatre. His staging of Macbeth, the actors watching the action along with the audience, was ground-breaking; but so was his Nicholas Nickleby, an eight-hour epic. He excels at opera, too: his Porgy and Bess was the talk of Glyndebourne; but his production of Les Misérables has been drawing West End audiences for twenty-five years. Some stuffy critics may have gasped at the thought of popular theatre at the RSC, but so what? Did not the Bard of Avon himself play to the gallery? He would surely have agreed with our honorand, and so shall we: 'I've never had any feeling of disconnection,' he says, 'between the classical theatre, or the contemporary theatre, or musical theatre, or the thing that we call opera.'*

*He is a great supporter of student drama in Cambridge. To celebrate the centenary of the Marlowe Society he directed Shakespeare's Cymbeline, in which he had once acted under Dadie Rylands' direction. And although he is not one to parade his generosity, his was the crowning gift to the appeal which made possible the recent splendid renovation of our own Amateur Dramatic Club.*

*Distinguished Chancellor, members of the University, I present to you*

Sir TREVOR ROBERT NUNN, C.B.E., B.A.,

*Honorary Fellow of Downing College, theatrical director, formerly Artistic Director of the Royal National Theatre and Director Emeritus of the Royal Shakespeare Company,*

*that he may receive the title of the degree of Doctor of Letters, honoris causa.*



**M**VLTOS abhinc annos puero quartum decimum annum nondum egresso Ludouici Moctauam symphoniam auscultanti Musae fores aperire uidebantur: 'eodem puncto temporis,' inquit, 'aetatem in musica ducere statui.' quem tamen elegerunt chori ducem Camenae quia clauicini esset imperitum Collegi Regalis magistri parum prouidi artem propositam docere nolebant. nullo igitur magistro usus scipione mesochori sibi adsumpto et ad uoces in cera impressas tractando gradatim elementa se didicit. quid plura? longum per uitae cursum ad tantam auctoritatem peruenit ut inter alios musicorum rectores peritissimos magister praecipuus et tamquam rex uideatur.

longa amicitia cum Consortione Symphoniaca Londiniensi coniunctus est—honore quidem rarissimo excogitato praesidem eum creauerunt—sed nullum est odeum, nullum theatrum quin eum accipiat, acceptum amet, amatum ad se rursus uocet. Baruthenses etiam, quibus nulla gens coram aduenis cautior esse dicitur, ei primo ex Anglis plauserunt. quonam artem non intendis, domine? 'nil est quod non mihi suscipiam!' cum enim Amadei non tantum morum modorumque uerum etiam ingeni dicitur antistes, tum etiam rerum nouarum semper cupidus quos recentior tulit aetas scriptores non modo non praetermittit, sed nonnullos minus antehac notos sempiternae gloriae commendauit. tune, quaeso, Hector Francogallorum, inter principes Muis carissimos iam numerarere, aut tu Iohannes, Finnorum deliciae iam esses, nisi per huius uiri labores?

fama nondum comparata qui apud nos olim docebat, apud nos in honore permanet. cum nuper Troianos in odeum educeret, si in uestibulo ambulasses tot municipes consociosque te offensurum fuisse ferunt ut Ambulationem nostram Regalem ad Urbem remotam existimaturus fueris.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis uirum dignum qui nominetur Ἐκτόγεις μέγας ἴστωρ, equitem auratum inter comites honoratissimos adscriptum, Excellentissimi Ordinis Imperi Britannici Commendatorem, mesochorum, Theatri Cothurnati Regalis quondam musicae rectorem, Consortionis Symphoniacae Londiniensis praesidem et quondam mesochoron caput,

COLIN REX DAVIS

ut honoris causa habeat titulum gradus Doctoris in Musica.

**O**NCE upon a time a young boy of thirteen or fourteen was listening to Beethoven's Eighth when the very gates of Helicon seemed to be thrown open to him. That was the moment, he says, when he decided to make music his life. There was just one problem: the Royal College of Music would not allow one unskilled at the piano to learn the conductor's art. Undaunted he taught himself to wield the baton with long hours of practice conducting gramophone recordings. You know the rest: over a long and distinguished career he has gained renown as one of the world's greatest conductors.

*He has enjoyed a long relationship with the London Symphony Orchestra—they even made him their President, a rare honour—but that is only part of the story. There is scarcely an opera house or concert hall where he is not known and welcomed and welcomed back. Even Bayreuth, famously wary of newcomers, lauded his Tannhäuser. His repertoire is vast ('I'm game for anything,' he says). On the one hand he has been called the 'master of Mozart's idiom, style and significance'; but on the other he is a moderniser and a champion of contemporary music. Berlioz and Sibelius owe their current popularity in large part to his labours.*

*Before he achieved fame he once coached our Music Society, and he has ever remained dear to us. When in 2000 he conducted The Trojans at the Barbican it is said that Cambridge society comprised such a proportion of the audience that a stroll in the foyer during the interval was just like walking along King's Parade. He is indeed the great interpreter of Berlioz.*

*Distinguished Chancellor, members of the University, I present to you*

*Sir COLIN REX DAVIS, C.H., C.B.E.,  
conductor, formerly Musical Director of the Royal Opera House, President and formerly  
Principal Conductor of the London Symphony Orchestra,*

*that he may receive the title of the degree of Doctor of Music, honoris causa.*



At the end of the ceremony, the Orator delivered the following Valedictory Oration to The Chancellor:

**L**ICET me patientia uestra iam satis uel satius abusum esse existimetis, magistri; sed hoc tempore tam memoria digno ampliora quaedam mihi dicenda esse iudico, praesertim cum Cancellarius hic noster officio abiturus hunc suggestum cui xxxiv annos tanto sale lepore suauitate praesidebat numquam iterum aureo pallio indutus sit ascensus.

quis credat, domine, abhinc lix annos te primum nos salutasse? quo tempore orator alius non tam dignitatis tuae quam tui ipsius causa nos tibi titulum gradus Doctoris in Iure offerre affirmauit, neque alia causa summos apud nos honores postea tibi mandare ausi sumus. dux laudate, inter alia nomina et ornamenta sunt qui beati te imperatorem, sunt quidem remotis in oris qui te deum appellare sint soliti; nobis tamen laetissimis hoc modo te placuit uocitare, tibi a nobis placuit uocari:

dignissime domine, Domine noster carissime Cancellarie, non ego modo uerum etiam tota Academia cumulate et ex animo tibi tam longa amicitia nobis coniuncto gratias maximas agimus; precamur ut Regiam tuam Coniugem teque ipsum totamque familiam Deus Omnipotens conseruet atque custodiat; speramus denique ad hanc nostram sodalitatem non minus tibi caram quam tui amantem propediem te rediturum esse.

**I**FEAR I have tried your patience long enough already, Masters; and yet on this memorable occasion it seems to me that there are a few more words which I ought to say. Today our Chancellor, soon to retire, will for the last time leave this Senate-House clad in his golden gown, this Senate-House over which he has presided with such wit and charm for the past thirty-four years.

13 July 2011

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*It is difficult to believe, Sir, that it was in 1952 that you first visited us. On that day in presenting you to another Chancellor another Orator said that it was not for your rank but for your own sake that we offered you the title of the degree of Doctor of Law; and it was for the same reason that later we made bold to ask you to assume the chief place among us. Your Royal Highness, among your many other titles there are some fortunate men who have called you commander, and some on a distant island who have even thought you a god; but we have been pleased and honoured to address you in the following way, and you have consented to be called by us:*

*Distinguished Sir, our distinguished and beloved Chancellor, on behalf of the whole University I offer you our sincere and heart-felt thanks that you have been joined with us in long friendship; we pray that Almighty God may guard and protect Her Majesty The Queen and yourself and your whole family; and we hope that you will continue to visit the University which we should like to feel you hold in no less affection than we hold our Chancellor.*