CLARE HALL CAMBRIDGE, CB3 9AL

Registered Charity Number 1137491

ANNUAL REPORT AND FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2017

Contents	Pages
Governing Body and Advisors	1 - 2
Report of the Governing Body	3 - 10
Statement of Internal Control	11
Responsibilities of the Governing Body	12
Auditors' Report	13 - 15
Statement of Principal Accounting Policies	16 - 19
Statement of Comprehensive Income and Expenditure	20
Statement of Changes in Reserves	21
Balance Sheet	22
Cash Flow Statement	23
Notes to the Accounts	24 - 34

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Governing Body Year ended 30 June 2017

Visitor: Chancellor of the High Court, Sir Terence Etherton

MEMBERS OF THE GOVERNING BODY

President: Professor David Ibbetson*

Fellows under Titles A, B, C and D (in order of Election)

Professor Charles Smith	1993	Dr Hyun Gwi Park	2013
Professor Maria Spillantini	1994	Dr Lucia Tantardini	2013
Dr Robert Carlyon	1996	Dr Edward Chouchani	2014
Professor Barbara Sahakian	1996	Dr Marcella Sutcliffe	2014
Professor John Barrow	1999	Dr Stefano Recchia	2015
Professor Andrew Blake	2000	Dr Marie Janson	2015
Dr Trudi Tate	2001	Dr Gabriel Byng	2015
Mr Stephen Bourne*	2001	Dr Claire Chewapreecha	2015
Professor Alan Short*	2002	Dr Daniel Jolowicz	2015
Dr Anthony Street*	2002	Dr Alison Mather	2015
Dr Ian Farnan	2002	Dr Timothy Stuart-Buttle	2015
Professor Athanassios Fokas	2005	Dr Catalina Taltavull	2015
Dr Lori Passmore*	2005	Dr Keri Wong	2015
Professor Peter Markowich	2009	Dr Keiko Yata	2015
Dr Elizabeth Rowe	2009	Dr J Bangham	2016
Dr Sohini Kar-Narayan*	2009	Dr J Cama	2016
Dr Wai Yi Feng	2010	Dr A Datta	2016
Professor Hasok Chang*	2011	Dr L Engelmann	2016
Dr Katrin Müller-Johnson*	2012	Dr K Gotanda	2016
Dr Stephen Mawdsley	2012	Dr Y-L Huang	2016
Dr Iain Black*	2012	Dr N Iwata	2016
Dr John Regan	2012	Dr Mene Pangalos	2016
Professor Richard McMahon	2013	Dr J Rivest	2016
Dr Michael Evans	2013	Dr K Soufani	2016
Dr Karen Ersche	2013	Professor Frances Spalding	2016
Dr Emily Holmes	2013	Prof E Artacho	2017
Ms Helen Pennant	2013	Mr I Strachan*	2017
Dr Annamaria Motrescu-Mayes	2013		
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Joint President of GSB*

Joint President of GSB*

Senior Officers of Clare Hall

President Professor David Ibbetson
Vice- President Mr Stephen Bourne
Senior Tutor Dr Iain Black
Bursar Mr Ian Strachan

^{*}Members who are also members of Council

Professional Advisers

Auditors

Peters Elworthy & Moore Salisbury House Station Road Cambridge CB1 2LA

Bankers

Barclays Bank plc St Andrews Street Cambridge CB2 3AA

Investment Fund Managers

The Charities Property Fund Savills Investment Management LLP 33 Margaret Street London W1G 0JD

Cambridge University Endowment Fund

University of Cambridge Investment Office Daedalus House 26-30 Station Road Cambridge CB1 2RE

Solicitors

Ashton KCJ
Chequers House
77 – 81 Newmarket Road
Cambridge
CB5 8EU

Report of the Governing Body, Year ended 30 June 2017

The Members of the Governing Body who act as Charity Trustees, present the audited financial statements for the year ended 30 June 2017.

Founded in 1966 as a centre for advanced study, Clare Hall is a graduate college of the University of Cambridge and an exempt charity. It was incorporated by Royal Charter on 22 October 1984 and is an autonomous, self-governing community of scholars. In accordance with its Statutes, the control of the College as a place of education, learning and research is vested in the Governing Body, which is responsible for administering the College's estates and property. The Council members are nominated by the Governing Body and act as Charity Trustees of the College and manage all operational matters. The Finance Committee consists of the President, the Vice President, the Bursar and four other members of the Governing Body elected by the Governing Body. The Finance Committee exercises the authority delegated to it by the Governing Body to manage, in accordance with general policies laid down from time to time by the Governing Body, the land, property and investments of the College and its financial affairs in general and to direct the Bursar in the performance of his financial duties.

Scope of the financial statements

The statements cover the activities of the College during the year ended 30 June 2017 and the net assets as at that date. The College has no subsidiaries.

As a registered charity, the College is regulated by the Charity Commission.

These accounts are presented in the format of the Recommended Cambridge College Accounts (RCCA), which comply with the Further and Higher Education SORP (Statement of Recommended Practice: Accounting for Further and Higher Education, adopted for accounting periods beginning after 1 January 2015.)

Objects

The objects of the College are set out in its Royal Charter, effective from 1 January 1984. The College aims:

- To remain an independent graduate college within the University of Cambridge, dedicated to advanced study;
- To bring together research scholars of different nationalities and academic disciplines and to promote academic research of the highest quality by Fellows and postgraduate students;
- To integrate fully into the fabric of academic life senior visitors who come to Cambridge on study leave together with their spouses and partners;
- To encourage interdisciplinary links between scholars from all over the world;
- To achieve excellence in education at postgraduate level; and
- To maintain and enhance the endowments and benefactions, buildings and grounds of the College for the benefit of future generations.

Report of the Governing Body, Year ended 30 June 2017

Public Benefit

The Public Benefit Statement provided to the Charity Commission on first registration as a charity referred to the following:

The College provides, in conjunction with the University of Cambridge, an education which is recognised internationally as being of the highest standard for some 180 fee paying graduate students. This education develops students academically and advances their leadership qualities and interpersonal skills, and so prepares them to play full and effective roles in society. In the financial year under consideration, the College members graduating achieved 35 PhDs and 50 Masters-level degrees (2015-16: 15 and 63 respectively).

In particular, the College provides:

- teaching facilities and pastoral, administrative and academic support for all students through its tutorial and mentoring systems;
- social, cultural, musical, recreational and sporting facilities which enable each of its students to realise their academic and personal potential to the full whilst studying at the College.

The College advances research through:

- providing 26 Research Fellowships to outstanding young academics in the early stages of their careers, which enables them to develop and focus on their research in this formative period before they undertake the full teaching and administrative duties of an academic post;
- supporting the research work of its other Fellows by promoting interaction across disciplines and providing facilities for seminars;
- fostering academic networking by encouraging visits from outstanding academics from abroad as Visiting Fellows and Visiting Scholars.

The resident members of the College, both students and Fellows, are the primary beneficiaries and are directly engaged in education, learning or research. More widely, beneficiaries also include: students and academic staff from other Colleges in Cambridge and the University of Cambridge, visiting academics from other higher education institutions and visiting alumni of the College who have an opportunity to attend educational events at the College or use its academic facilities. The College maintains a Library, which provides a valuable resource for students and Fellows of the College. The general public is also able to attend various educational activities in the College such as lectures, seminars, concerts and art exhibitions.

The College admits students who have the highest potential for benefiting from the education provided by the College and the University, regardless of their financial, social, religious or ethnic background:

- there are no geographical restrictions in the College's objects and students and academic staff of the College are drawn from across the UK and internationally;
- there are no age restrictions in the College's objects but students of the College are predominantly aged 21 years and above; and
- there are no religious restrictions in the College's objects and members of the College have a wide variety of faith traditions or none.

Report of the Governing Body, Year ended 30 June 2017

The focus of the College is strongly academic and students are required to satisfy high academic entry requirements. To support the costs of graduate students, the College provides various scholarships and bursaries, to help fund fees and living costs. The total awarded in 2016-2017 was £103,466 (2015-16 £90,294). The College also supports students through a grant scheme to assist with attendance at conferences and travel grants. The total awarded in 2016-2017 was £11,973 (2015-16 £14,436). In addition to other programmes, the College operates a scheme for students in financial hardship. The total awarded in 2016-2017 was £16,349 (2015-16 £17,070). To raise educational aspiration and attract outstanding applicants who might not otherwise have considered applying to Clare Hall, the College provides guidance and information for prospective applicants on the College website and through staff in its Tutorial Office.

In order to fulfil its charitable purposes of advancing education, learning and research, the College employs a number of Fellows as Tutors and senior administrative officers. All serve as members of the College Governing Body. The employment of the President and Fellows is undertaken with the intention of furthering the College's aims and their employment directly contributes to the fulfilment of those aims. The private benefit accruing to the President and Fellows through salaries, stipends and employment-related benefits is objectively reasonable, measured against academic stipends generally; moreover annual pay increases normally follow national settlements applying to the university sector. Without the employment of Fellows, the College could not fulfil its charitable aims as a College in the University of Cambridge.

Funding

The College funds its activities through academic fees, by charging for student and Visiting Fellows' accommodation and catering services, from investment income, and through individual and corporate donations and bequests.

Achievements and Performance

The College's goal is to promote an international community of Cambridge academics, post-graduate students and visiting scholars to make Clare Hall an outstanding College.

The five key performance objectives were set by the Governing Body in 2015 and achievements during the financial year have been as follows:

(i) To raise £20m

This is to ensure that there is a free endowment of £10m to cover risks and contingencies, and to contribute to future key projects, including major building works. Also to provide student support, scholarships, bursaries, prizes, and awards to enrich the environment and academic experience.

During 2016-17 the Development Office has continued to build engagement with the alumni base, strengthened communications with stakeholders and contributed to the generation of £429,062 in total donations (2016 £412,261). Council has agreed a transfer of 10% from restricted gifts to unrestricted reserves to cover the administration, reporting and fulfilment of donations.

(ii) To attract Visiting Fellows of International Standing

Throughout 2016-17 the College has continued to attract top quality Visiting Fellows alongside the offer of excellent accommodation and facilities. These senior academics with established reputations are one of the most important constituents of the College.

Report of the Governing Body, Year ended 30 June 2017

(iii) To ensure that students enjoy the Clare Hall experience

In 2016-17 a development appraisal of the College estate was undertaken and an Estate Action Plan has been approved by the Governing Body. The College is now implementing that Action Plan and, subject to attracting suitable benefactions for significant capital projects, has commenced the improvements in infrastructure which will ensure that the College continues to attract and retain high calibre students, including the post-doctoral community.

(iv) To ensure that the College operates efficiently and effectively

The operational focus during the year has been to significantly upgrade the College's IT infrastructure and capacity, including enhanced IT security, wireless access across the estate and upgrades to the network. In addition, considerable work has been undertaken to continue to improve the website. Ongoing operational projects include maximising revenues from accommodation and conferences, including increasing room occupancy rates, and close control of all expenditure.

(v) To progress with the project to spruce up communal space.

This has now been included in the Estate Action Plan and it is anticipated that work will commence during 2017-18 on refurbishment and redesign of common areas, the Eden Suite and of the gardens.

Financial Review

Changes to the Financial Statements

The financial statements are presented in in accordance with the Recommended Cambridge Colleges Accounts (RCCA). The statements comply with the FE/HE SORP and FRS102.

Statement of Comprehensive Income and Expenditure

The single Statement of Comprehensive Income and Expenditure ('the SOCIE') features three columns: Unrestricted, Restricted and Endowment Income, so that the various income and expenditure flows can be shown separately. All donations and investment gains are included as income in the SOCIE.

<u>Unrestricted Income</u> shows a net surplus of £479,649 compared to the 2015-16 deficit of £328,220. This is principally due to significant investment gains credited in 2016-17 of £768,086 (2015-16 £152,742). There has also been an increase in income from academic fees and charges, a slight increase in unrestricted donations, and a reduction in education (tutorial) costs. The allocation of fixed costs to the separate headings of expenditure within the Education Account has been calculated to reflect as accurately as possible the use of staff time and physical space attributed to unrestricted and restricted activities.

Restricted Income includes all donations which are deemed to be restricted. There have been several specific donations during the year amounting to £235,125 (2015-16 £1,778,016). Donations in 2015-16 included a significant donation of £1.5m from Professor Boak as a contribution to scholarship funds.

<u>Endowment Income of £886,458</u> (2015-16 £796,920) represents income from all invested endowment funds, where the capital cannot be spent as income. Endowment returns transferred consist of £496,592 (2015-16 £474,885) to Unrestricted Reserves and £389,866 (2015-16 £322,035) to Restricted Reserves. The College records with gratitude the receipt of a capital grant from the Colleges Fund during the year totalling £259,000 (2015-16 £265,000), which is a permanent addition to the College endowment.

<u>Maintenance of buildings</u> A planned rolling maintenance programme seeks to ensure that the estate is maintained to the highest standard. Expenditure on routine repairs, maintenance, electrical, and painting works carried out during the year amounted to £269,200 (2015-16 £268,200).

Report of the Governing Body, Year ended 30 June 2017

Statement of Changes in Reserves

The Statement of Changes in Reserves shows total funds of £32.7m held by the College at 30 June 2017 comprising £11.5m in unrestricted funds (of which £4.1m is free reserves); £4.1m is attributable to restricted funds and £17.2m endowment. No material amounts have been designated or otherwise committed at the year end. There have been no material additions to the unrestricted endowment since 2007. The strategic objectives of the College include raising further unrestricted funds to strengthen reserves and to cover eventualites, such as future capital acquisitions, exceptional items, emergencies and general contingencies.

Balance Sheet

The operational fixed assets continue to be carried at historical cost or existing depreciated replacement cost values. Heritage assets are included using a reasonably ascertained (partial) valuation and the Balance Sheet includes the College's estimated share of the Universities Superannuation Scheme pension liability. No accrual has been made for holiday pay as this is deemed immaterial.

Creditors include a payment of £54,936 due to the University for Composition Fees and which has since been paid.

The Balance Sheet liabilities include provisions for pension scheme liabilities as follows:

The deficit for the Cambridge College's Federated Pension Scheme [CCFPS] of £602,753 has increased from £442,203 last year following a change in valuation assumptions.

The deficit for the Universities Superannuation Scheme of £109,941 compares with a deficit of £102,400 last year.

Additions to fixed assets amount to £160,988 in the year, consisting principally of IT cabling and infrastructure project (£106k), Elmside refurbishment (£30k) and gym changing rooms (£17k). The balance sheet is stronger by £3.4m over the previous year, arising mainly from the increase in the valuation of investments.

Cash flow and Treasury Management

At the end of the financial year the College held a cash balance of £890k (2016 £873k). This included an amount of £54.9k (2016 £129k) due to the University in respect of the balance of fees for 2016-2017, the Colleges Fund grant of £259K (2016 £265k) and a number of student fees paid in advance of the new academic year. At 30 June 2017, the College had an outstanding loan of £1.5m from Barclays Bank plc. £1m of this was taken out to help fund the acquisition and refurbishment of houses in Herschel Road, Cambridge in 2001. The balance was borrowed in January 2009. Short-term overdraft facilities have also been negotiated with Barclays Bank for use if required

Report of the Governing Body, Year ended 30 June 2017

The Endowment and Investment Performance

Since June 2010 the major part of the College's endowment has been invested in the Cambridge University Endowment Fund (CUEF).

The CUEF is effectively a unit trust, in which the College has purchased units, and from which it receives a monthly dividend. The total number of units held with CUEF is 456,937 at £54.89 each, with a value of £25.1m. The distribution rate for the University's financial year to 31 July 2017 is 178.35 pence per unit. The fund's investment objective is to achieve or exceed a long run average annual rate of total return equal to the Retail Prices Index (RPI) for each calendar year plus 5.25%, net of investment management costs. The fund has adopted a total return policy, determined by a hybrid rule with a long-term rate of 4.25% of capital value, so the investment objective is RPI+1% after distribution and costs. The proportion of the College's endowment funds invested in the CUEF represents 93.4% of the total endowment funds (2016 92.5%). The remaining 6.6% (2016 7.5%) continues to be held with the Charities Property Fund to add diversification to the asset allocaton of investments.

The asset allocation of the CUEF as at 30 June 2017 is shown below, representing a transitional point towards a target asset allocation.

Asset Class	Allocation 2017 %	Allocation 2016 %
Public equities	59	60
Real assets (including property)	12	12
Absolute return (including hedge funds)	12	13
Credit	-	1
Fixed Income (including cash)	13	12
Private investments	4	2

The day-to-day management of non-property assets is delegated to the Cambridge University Endowment Fund (CUEF). Performance is monitored against a customised benchmark made up of 50% FTSE All-Share Index, 25% MSCI AC World Index and 25% FTA UK Government All Stocks Index. The WM unconstrained ex property Charity Universe is used as an additional benchmark in order to compare the investment managers' performance with that of their peers.

Report of the Governing Body, Year ended 30 June 2017

Reserves policy

The College aims to continue to meet its charitable objectives in perpetuity and to seek to build up its Reserves so as to support this aim.

Principal Risks and Uncertainties

The major risks to which the College is exposed, as identified by the Governing Body, have been reviewed and practice has been established to mitigate those risks. A Risk Register has been prepared for approval and continuing review by the Governing Body with the main strategic risks grouped under four headings: Governance, Academic, Financial Health and Operations.

During the year the College has carried out its annual Health and Safety Review and a Fire Risk Assessment. Regular testing includes fixed wiring, portable appliances, fire alarms, emergency lighting and fire extinguishers. The system of Planned Preventative Maintenance continues to provide considerable benefit and there is improved maintenance and management of the swimming pool and gym.

Energy Conservation

The College aims to reduce its energy consumption each year through use of energy-efficient boilers and lighting, improved insulation and reduced waste. During the year the College was awarded the Gold Award for the 'Green Impact' initiative. As well as setting up clear processes for improving environmental performance in areas such as energy use, recycling and sustainable travel, the College has also considered wider environmental issues such as biodiversity, procurement, and sustainable food.

Future Plans

The five key performance objectives (considered under Achievements and Performance above) will continue to form the basis of future planning, augmented by the implementation of the Estate Action Plan. This will support the work of the Development Office in ensuring potential benefactors have full information on the strategic priorities for the Clare Hall Estate.

Events after the Balance Sheet date - acquisition of 4 Herschel Road

Since the year end, the College has exchanged contracts for the purchase of the property at 4 Herschel Road, Cambridge, for an agreed consideration of £1.9 million. The acquisition will be funded by a medium term bank loan.

Report of the Governing Body, Year ended 30 June 2017

Corporate Governance

- 1. The following statement is provided by the Governing Body to enable readers of the financial statements to obtain a better understanding of the arrangements in the College for the management of its resources and for audit.
- 2. The College is a registered charity (registered number 1137491) and subject to regulation by the Charity Commission for England and Wales. The members of the Council are the Charity Trustees; overall management and control are delegated to them by the Governing Body, and they are responsible for ensuring compliance with charity law, other statutory duties and operational matters. It is the duty of the Council to keep under review the effectiveness of the operating processes, performance, systems and controls.
- 3. The Governing Body is assisted by a number of Committees.

Council

Finance

Official Fellowship

Fellowship

- 4. It is the duty of the Finance Committee to keep under review the effectiveness of the College's internal systems of financial and other controls; to advise the Governing Body on the appointment of external auditors; to consider reports submitted by the auditors; to monitor the implementation of recommendations made by the auditors; and to make an annual report to the Governing Body. Membership of the Finance Committee includes the President, Vice President and Bursar ex officio, plus 4 other members of the Governing Body, to include the Senior Tutor, or a Tutor, with the Graduate Student Body President in attendance.
- 5. The principal officers of the College during the year were:

President

Professor David Ibbetson

Vice President

Stephen Bourne

Senior Tutor

Dr lain Black

Bursar

Amanda Walker (resigned 31 March 2017)

Bursar

Ian Strachan (appointed 1 April 2017)

- 6. There are Registers of Interests of Members of the Governing Body, the Finance Committee and of the senior administrative officers. Declarations of interest are made systematically at meetings.
- 7. The Members of the Governing Body during the year ended 30 June 2017 are set out on page 1. Members of Council are identified with an asterisk.

Report of the Governing Body, Year ended 30 June 2017

Statement of Internal Control

- The Governing Body is responsible for maintaining a sound system of internal control that supports the achievement of policy, aims and objectives while safeguarding the public and other funds and assets for which the Governing Body is responsible, in accordance with the College's Statutes.
- 2. The system of internal control is designed to manage rather than eliminate the risk of failure to achieve policies, aims and objectives; it therefore provides reasonable but not absolute assurance of effectiveness.
- 3. The system of internal control is designed to identify the principal risks to the achievement of policies, aims and objectives, to evaluate the nature and extent of those risks and to manage them efficiently, effectively and economically. This process was in place for the year ended 30 June 2017 and up to the date of approval of these financial statements.
- 4. The Governing Body is responsible for reviewing the overall effectiveness of the system of internal control. As part of its supervision of the College's activities, Council identifies and considers the major risks to which the College is exposed, and establishes systems and procedures to manage those risks which have been categorised under four headings, as follows: Goverance, Academic, Financial Health and Operations.
- 5. The Governing Body's review of the effectiveness of the system of internal control is informed by the work of the various Committees, Bursar, and College officers, who have responsibility for the development and maintenance of the internal control framework, and by comments made by the external auditors in their Key Issues Memorandum and other reports.

Approved by the Governing Body on 2nd Nolember 2017

and signed on their behalf by:

Professor David Ibbetson

President

lah Strachar Bursar

Statement of Responsibilities of the Governing Body

The Finance Committee is responsible for ensuring that there is an effective system of internal control and that accounting records are properly kept. It is the duty of the Bursar to present audited financial statements for each financial year, prepared in accordance with the Statutes of the University, to the Governing Body.

In causing the financial statements to be prepared, the Governing Body has ensured that:

- Suitable accounting policies are selected and applied consistently;
- Judgements and estimates are made that are reasonable and prudent; and
- Applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements.

The Governing Body is satisfied that the College has adequate resources to continue in operation for the foreseeable future. The financial statements are accordingly prepared on a going concern basis.

The Governing Body has taken reasonable steps to ensure that there are appropriate financial and management controls in place to safeguard the assets of the College and prevent and detect fraud.

Any system of internal financial control, however, can only provide reasonable, not absolute, assurance against material misstatement or loss.

Independent Auditors' Report to the Governing Body of Clare Hall

Opinion

We have audited the financial statements of Clare Hall (the 'College') for the year ended 30 June 2017 which comprise the statement of comprehensive income and expenditure, the College balance sheet, the cash flow statement and notes to the financial statements, including a summary of significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including Financial Reporting Standard 102 The Financial Reporting Standard applicable in the UK and Republic of Ireland (United Kingdom Generally Accepted Accounting Practice).

In our opinion, the financial statements:

- give a true and fair view of the state of the College's affairs as at 30 June 2017 and of its incoming resources and application of resources for the year then ended;
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice;
- have been prepared in accordance with the requirements of the Charities Act 2011 and the Statutes of the University of Cambridge; and
- the contribution due from the College to the University has been correctly computed as advised in the provisional assessment by the University of Cambridge and in accordance with the provisions of Statute G,II, of the University of Cambridge.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the College in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Conclusions relating to going concern

We have nothing to report in respect of the following matters in relation to which the ISAs (UK) require us to report to you where:

- the Governing Body's use of the going concern basis of accounting in the preparation of the financial statements is not appropriate; or
- the Governing Body have not disclosed in the financial statements any identified material
 uncertainties that may cast significant doubt about the College's ability to continue to adopt
 the going concern basis of accounting for a period of at least twelve months from the date
 when the financial statements are authorised for issue.

Independent Auditors' Report to the Governing Body of Clare Hall

Other information

The other information comprises the information included in the Report of the Governing Body other than the financial statements and our auditor's report thereon. The Governing Body are responsible for the other information. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters in relation to which the Charities (Accounts and Reports) Regulations 2008 require us to report to you if, in our opinion:

- The information given in the financial statements is inconsistent in any material respect with the Report of the Governing Body; or
- · sufficient accounting records have not been kept; or
- the financial statements are not in agreement with the accounting records; or
- we have not received all the information and explanations we require for our audit.

Responsibilities of Governing Body

As explained more fully in the Governing Body's responsibilities statement set out on page 12, the Governing Body are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the Governing Body determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Governing Body are responsible for assessing the College's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Governing Body either intend to liquidate the College or to cease operations, or have no realistic alternative but to do so.

Independent Auditors' Report to the Governing Body of Clare Hall

Auditor's responsibilities for the audit of the financial statements

We have been appointed as auditor under section 144 of the Charities Act 2011 and report in accordance with the Act and relevant regulations made or having effect thereunder. Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at: www.frc.org.uk/auditorsresponsibilities. This description forms part of our auditor's report.

Use of our report

This report is made solely to the College Governing Body, in accordance with College's statutes, the Statutes of the University of Cambridge and the Charities Act 2011. Our work has been undertaken so that we might state to the College Governing Body those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the College and the College Governing Body, for our audit work, for this report, or for the opinions we have formed.

PETERS ELWORTHY & MOORE

Chartered Accountants and Statutory Auditors

Salisbury House Station Road Cambridge

CB1 2LA

Deter #

Date: 5 Bull 151

Peters Elworthy & Moore is eligible to act as an auditor in terms of section 1212 of the Companies Act 2006.

Statement of Principal Accounting Policies

Basis of preparation

The financial statements have been prepared in accordance with the provisions of the Statutes of the College and of the University of Cambridge and applicable United Kingdom accounting standards. In addition, the financial statements comply with the Statement of Recommended Practice: Accounting for Further and Higher Education (the SORP).

The Statement of Comprehensive Income and Expenditure includes activity analysis in order to demonstrate that the College is satisfying its obligations to the University of Cambridge with regard to the use of public funds. The analysis required by the SORP is set out in note 7.

Basis of accounting

The financial statements have been prepared under the historical cost convention, modified in respect of the treatment of investments and heritage assets, which are included at valuation.

Consolidation

The College has no subsidiaries. The financial statements do not include the activities of student societies.

Recognition of income

Academic fees

Academic fees are recognised in the period to which they relate and include all fees chargeable to students or their sponsors.

Restricted grant income

Grants received for restricted purposes are recognised as income to the extent that relevant expenditure has been incurred.

Donations and benefactions

Charitable donations are recognised on receipt or where there is certainty of future receipt and the value can be measured reliably. The accounting treatment of a donation depends on the nature and extent of restrictions specified by the donor.

Non exchange transactions without performance related conditions are donations and endowments. Donations and endowments with donor imposed restrictions are recognised within the Statement of Comprehensive Income and Expenditure when the College is entitled to the income. Income is retained within restricted reserves until such time that it is utilised in line with such restrictions at which point the income is released to general reserves through a reserve transfer.

Donations and endowments with restrictions are classified as restricted reserves with additional disclosure provided within the notes to the accounts.

There are four main types of donations and endowments with restrictions:

- 1. Restricted donations the donor has specified that the donation must be used for a particular objective.
- 2. Unrestricted permanent endowments the donor has specified that the fund is to be permanently invested to generate an income stream for the general benefit of the College.
- 3. Restricted expendable endowments the donor has specified a particular objective and the College can convert the donated sum into income.
- 4. Restricted permanent endowments the donor has specified that the fund is to be permanently invested to generate an income stream to be applied to a particular objective.

Donations with no restrictions are recorded within the Statement of Comprehensive Income and Expenditure when the College is entitled to the income.

Statement of Principal Accounting Policies

Investment income and change in value of investment assets

Investment income and changes in value of investment assets are recorded in income in the year in which they arise and as either restricted or unrestricted income according to the terms or other restrictions applied to the individual endowment fund.

Capital grants and donations

Grants and donations of, or for the acquisition of, freehold land or heritage assets, which are non-depreciable assets, are credited to the income and expenditure account in the year of acquisition.

Other income

Income is received from a range of activities including residences, catering, conferences and other services rendered.

Endowment and investment income

All investment income is credited to the income and expenditure account in the period in which it is earned. Income from restricted endowments not expended in accordance with the restrictions of the endowment is transferred from the income and expenditure account to restricted endowments.

Foreign currency translation

Transactions denominated in foreign currencies are recorded at the rate of exchange ruling at the date of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated into sterling at year end rates or, where there are forward foreign exchange contracts, at contract rates. The resulting exchange differences are dealt with in the determination of the income and expenditure for the financial year.

Tangible fixed assets

Land and buildings

Operational land and buildings are stated at historic cost, or at depreciated replacement cost. Freehold buildings are depreciated on a straight line basis over their expected useful economic life of 50 years. Freehold land is not depreciated.

Where land and buildings are acquired with the aid of specific bequests or donations they are capitalised and depreciated as above. The related benefactions are credited to permanent capital. Finance costs which are directly attributable to the construction of buildings are not capitalised as part of the cost of those assets.

A review for impairment of a fixed asset is carried out if events or changes in circumstances indicate that the carrying amount of the fixed asset may not be recoverable.

Buildings under construction are valued at cost, based on the value of architects' certificates and other direct costs incurred. They are not depreciated until they are brought into use.

The cost of additions to operational property shown in the balance sheet includes the cost of land.

Maintenance of premises

The College has a five year rolling maintenance plan which is reviewed on an annual basis. The cost of routine maintenance is charged to the Statement of Comprehensive Income and Expenditure account as it is incurred.

Furniture, fittings and equipment

Furniture, fittings and equipment costing less than £5,000 per individual item or group of related items are written off in the year of acquisition. All other assets are capitalised and depreciated over their expected useful life as follows:

Plant and machinery 4% per annum
Furniture and fittings 15% per annum
Motor vehicles and general equipment 20% per annum
Computer equipment 25% per annum

Statement of Principal Accounting Policies

Rare books, silver, works of art and other assets not related to education

Assets deemed to be inalienable are not included in the balance sheet.

Leased assets

Fixed assets held under finance leases and the related lease obligations are recorded in the balance sheet at the fair value of the leased assets at the inception of the lease. The excess of lease payments over recorded lease obligations is treated as a finance charge, which is amortised over the lease term to give a constant rate of charge on the remaining balance of the obligations. Rental costs under operating leases are charged to expenditure in equal amounts over the periods of the leases.

Heritage assets

The College holds and conserves a number of collections, exhibits, artefacts and other assets of historical artistic or scientific importance. In accordance with FRS 15 and FRS 30 (Heritage assets) heritage assets acquired before 1 July 1999 have not been capitalised since reliable estimates of cost or value are not available on a cost-benefit basis. Acquisitions since 1 July 1999 have been capitalised at cost or, in the case of donated assets, at expert valuation on receipt. Heritage assets are not depreciated since their long economic life and high residual value mean that any depreciation would not be material.

Investments

Fixed asset investment and endowment assets are included in the balance sheet at market value.

Stocks

Stocks are valued at the lower of cost and net realisable value after making provision for slow moving or obsolete items.

Provisions

Provisions are recognised when the College has a present legal or constructive obligation as a result of a past event, it is probable that a transfer of economic benefit will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

Tavation

The College is a registered charity (number 1137491) and also a charity within the meaning of Section 506 (1) of the Taxes Act 1988. Accordingly, the College is exempt from taxation in respect of income or capital gains received within the categories covered by Section 505 of the Taxes Act 1988 or Section 256 of the Taxation of Chargeable Gains Act 1992 to the extent that such income or gains are applied to exclusively charitable purposes.

The College receives no similar exemption in respect of Value Added Tax.

Contribution under Statute G. II

The College is liable to be assessed for Contribution under the provisions of Statute G,II of the University of Cambridge. Contribution is used to fund grants to colleges from the Colleges Fund. The College may from time to time be eligible for such grants. The liability for the year is as advised to the College by the University based on an assessable amount derived from the value of the College's assets as at the end of the previous financial year.

Statement of Principal Accounting Policies

Pension costs

The College participates in the Universities Superannuation Scheme ('the scheme'). Throughout the current and preceding periods, the scheme was a defined benefit only pension scheme until 31 March 2016 which was contracted out of the State Second Pension (S2P). The assets of the scheme are held in a separate trustee-administered fund. Because of the mutual nature of the scheme, the scheme's assets are not hypothecated to individual institutions and a scheme-wide contribution rate is set. The College is therefore exposed to actuarial risks associated with other institutions' employees and is unable to identify its share of the underlying assets and liabilities of the scheme on a consistent and reasonable basis and therefore, as required by Section 28 of FRS 102 "Employee benefits", accounts for the scheme as if it were a defined contribution scheme. As a result, the amount charged to the income and expenditure account represents the contributions payable to the scheme in respect of the accounting period. Since the College has entered into an agreement (the Recovery Plan that determines how each employer within the scheme will fund the overall deficit), the College recognises a liability for the contributions payable that arise from the agreement to the extent that they relate to the deficit and the resulting expense in the income and expenditure account.

The College also participates in the Cambridge Colleges Federated Pension Scheme, a defined benefit scheme, the assets of which are held in a separate, trustee-administered fund. Pension costs are assessed on the latest actuarial valuation of the scheme. The contribution rates current as at 30 June 2017 were 15.06% employer and 8% employee.

CCFPS closed to new members from 1 April 2017. For existing members the contribution rate changed from 5% to 8% and the employer rate changed from 19.09% to 15.06%. A new defined contribution scheme (from Aviva) is now offered to staff not eligible for USS, with a minimum of 3% employee contributions, matched by two to one employer contributions, up to a maximum of 10% from the employer.

Employment benefits

Short term employment benefits such as salaries and compensated absences are recognised as an expense in the year in which the employees render service to the College. Any material unused benefits are accrued and measured as the additional amount the College expects to pay as a result of the unused entitlement.

Reserves

Reserves are allocated between restricted and unrestricted reserves. Endowment reserves include balances which, in respect of endowment to the College, are held as permanent funds, which the College must hold to perpetuity.

Restricted reserves include balances in respect of which the donor has designated a specific purpose and therefore the College is restricted in the use of these funds.

STATEMENT OF COMPREHENSIVE INCOME & EXPENDITURE YEAR ENDED 30 JUNE 2017

INCOME	Note	Unrestricted	Restricted	Endowment	2017 £ Total	Unrestricted	Restricted	Endowment	2016 £ Total
Academic fees and charges Residences, catering and conferences Investment Income Endowment return transferred Other income	- 0 e	527,622 1,713,172 - 496,592	389,866	- 886,458 (886,458) -	527,622 1,713,172 886,458	485,130 1,523,966 - 474,885	- - 322,035	- 796,920 (796,920) -	485,130 1,523,966 796,920
Total income before donations and endowments		2,737,386	389,866	l l	3,127,252	2,483,981	322,035	1	2,806,016
Donations Capital grant from Colleges Fund		193,937	235,125	259,000	429,062 259,000	134,245	1,778,016	265,000	1,912,261 265,000
Total Income		2,931,323	624,991	259,000	3,815,314	2,618,226	2,100,051	265,000	4,983,277
EXPENDITURE									
Education Residences, catering and conferences Other expenditure	4 4 4 6	657,755 2,047,581 421,497	471,749	1 1 1	1,129,504 2,047,581 421,497	702,478 2,138,171 323,132	493,712	i 1 i	1,196,190 2,138,171 323,132
Total expenditure	7	3,126,833	471,749	•	3,598,582	3,163,781	493,712		3,657,493
(Deficit)/surplus before other gains and losses		(195,510)	153,242	259,000	216,732	(545,555)	1,606,339	265,000	265,000 1,325,784
Gain on investments	10	768,086	436,946	2,043,218	3,248,250	152,742	43,338	399,115	595,195
(Deficit)/surplus for the year		572,576	590,188	2,302,218	3,464,982	(392,813)	1,649,677	664,115	1,920,979
Other Comprehensive income Actuarial (loss)/gain in respect of pension schemes	20	(92,927)	1		(92,927)	64,593	ı	ı	64,593
Total comprehensive income for the year		479,649	590,188	2,302,218	3,372,055	(328,220)	1,649,677	664,115	1,985,572

Clare Hall Statement of Changes in Reserves Year ended 30 June 2017

Income and expenditure reserve

	Unrestricted £	Restricted £	Endowment £	Total £
Balance at 1 July 2016	10,984,596	3,532,239	14,851,457	29,368,292
Surplus from Income and expenditure statement	572,576	590,188	2,302,218	3,464,982
Other Comprehensive income	(92,927)	-	-	(92,927)
Balance at 30 June 2017	11,464,245	4,122,427	17,153,675	32,740,347

Income and expenditure reserve

	Unrestricted £	Restricted £	Endowment £	Total £
Balance at 1 July 2015	11,312,816	1,882,562	14,187,342	27,382,720
Surplus/(Deficit) from Income and expenditure statement	(392,813)	1,649,677	664,115	1,920,979
Other Comprehensive income	64,593	-	-	64,593
Balance at 30 June 2016	10,984,596	3,532,239	14,851,457	29,368,292

Balance Sheet as at 30 June 2017

	Note		
		2017	2016
NON-CURRENT ASSETS		£	£
Final sector	0	7 207 427	7 225 250
Fixed assets	8	7,207,127	7,335,258
Heritage assets	9	150,000	150,000
Investments	10	26,858,719	23,210,469
		34,215,846	30,695,727
CURRENT ASSETS			
Stocks		75,469	71,331
Trade and other receivables	11	176,671	245,008
Cash and cash equivalents	12	890,213	872,606
		1,142,353	1,188,945
Creditors: amounts falling due within one year	13	(405,158)	(471,777)
Net current assets		737,195	717,168
Total assets less current liabilities		34,953,041	31,412,895
Creditors: amounts falling due after more than one year	14	(1,500,000)	(1,500,000)
Net assets excluding pension deficit		33,453,041	29,912,895
Pension deficit (CCFPS)	15	(602,753)	(442,203)
Other Provisions (USS)	16	(109,941)	(102,400)
Net assets including pension deficit		32,740,347	29,368,292
CAPITAL AND RESERVES		2017 £	2016 £
Restricted reserves			
Income and expenditure reserve – endowment	17	17,153,675	14,851,457
Income and expenditure reserve – restricted	18	4,122,427	3,532,239
		21,276,102	18,383,696
Unrestricted reserves			
Income and expenditure reserve – unrestricted		11,464,245	10,984,596
TOTAL		32,740,347	29,368,292

Approved by the Governing Body of 2nd Notember 2017 and signed on their behalf by:

Professor D J Ibbetson President

C Strachan

Cash Flow Statement Year ended 30 June 2017

CASH FLOWS FROM OPERATING ACTIVITIES	2017 £	2016 £
Surplus/(deficit) for the year	3,464,982	1,920,979
Adjustment for non-cash items		
Depreciation	289,119	382,885
Gain on endowments, donations and investment property (Increase) in stocks Decrease in debtors Increase/(decrease) in creditors CCFPS Pension costs less contributions payable	(3,248,250) (4,138) 68,337 (66,619) 67,623	(595,195) (18,708) 16,198 (24,841) 50,492
USS pension provision	7,541	7,501
Adjustment for investing or financing activities Investment income Interest payable	(886,458) 72,450	(796,920) 72,648
Net cash inflow/(outflow) from operating activities	(235,413)	1,015,039
CASH FLOWS FROM INVESTING ACTIVITIES Investment income Endowment funds invested Payments to acquire tangible fixed assets	886,458 (400,000) (160,988)	796,920 (1,457,000) (27,086)
Total cash flows investing activities	325,470	(687,166)
CASH FLOW FROM FINANCING ACTIVITIES Interest paid	(72,450)	(72,648)
Total cash flows investing activities	(72,450)	(72,648)
Increase/(decrease) in cash and cash equivalents in the year	17,607	255,225
Cash and cash equivalents at the beginning of the year	872,606	617,381
Cash and cash equivalents at the end of the year	890,213	872,606

Clare Hall Notes to the Accounts for the year ended 30 June 2017:

COLLEGE FEES £	£
Graduate fee income 527	,622 485,130
Total 527	,622 485,130
THE PARTY OF THE P	
2 INCOME FROM RESIDENCES, CATERING	7 0040
AND CONFERENCES 201	7 2016 £
College	£
Accommodation members 1,434	,174 1,294,396
Conferences	
College Catering members 278	,998 229,570
Conferences	· -
	470 000
Total	1,523,966
3 INVESTMENT INCOME 20°	17 2016
Income from:	£
Cambridge University Endowment Fund 804	,516 715,893
	,942 81,027
	,458 796,920
	,
4 EDUCATION EXPENDITURE 201	17 2016
£	£
Teaching 39,	025 46,604
Tutorial 165,	838 165,969
Admissions 61,	823 67,171
Research 489,	
Scholarships and awards 138,	
Other educational facilities 234,	981 234,473
Total	504 1,196,190
5 RESIDENCES, CATERING AND	
CONFERENCES EXPENDITURE 26	017 2016
£	
	23,988 1,636,375
Conferences Catering College members 52	 23,593 501,796
Catering College members 52 Conferences	
Total 2,04	2,138,171

Clare Hall
Notes to the Accounts for the year ended 30 June 2017:

6 OTHER EXPENDITURE			2017 £	20 £	
Fellows Commons			35,575	3	6,629
Student Meals Subsidy			31,696	2	9,195
Development Office Salaries			140,522	13	8,834
Development Account			155,987	7	4,429
Strategic Review			27,344		-
Art Committee			1,879		3,418
Music Series			8,018	1	0,712
CCFPS - Net Finance cost			12,637	1	7,194
USS – Pension provision			7,541		7,501
Miscellaneous expenses			298		5,220
Total			421,497	32	3,132
7a ANALYSIS OF 2016/17 EXPENDITURE BY ACTIVITY	Staff costs (note 20)	Other operating expenses	Depreciation	Interest	Total
	£	£	£	£	£
Education (note 4) Residences, catering and	409,104	688,712	31,688	-	1,129,504
conferences (note 5)	655,756	1,061,943	257,432	72,450	2,047,581
Other (note 6)	135,365	286,132	-	Mar.	421,497
	1,200,225	2,036,787	289,120	72,450	3,598,582
7b ANALYSIS OF 2015/16 EXPENDITURE BY ACTIVITY	Staff costs (note 20)	Other operating expenses	Depreciation	Interest	Total
	£	£	£	£	£
Education (note 4) Residences, catering and	456,924	697,301	41,965	-	1,196,190
conferences (note 5)	674,086	1,050,516	340,921	72,648	2,138,171
Other (note 6)	131,400	191,732	**		323,132

Expenditure includes £296,509 as the costs of fund raising (2016: £213,263). This expenditure includes the costs of alumni relations.

7c AUDITORS' REMUNERATION	2017 £	2016 £
Other operating expenses include:	~	~
Audit fees payable to the College's external auditors	10,000 10,000	10,000
Other fees payable to the College's external auditors	5,606	5,216
	15,606	15,216

The amounts above are stated inclusive of VAT.

Clare Hall Notes to the Accounts for the year ended 30 June 2017:

8 TANGIBLE FIXED ASSETS	Freehold land and buildings	Infrastructure and equipment	2017
	£	£	£
VALUATION			
As at 1st July 2016	10,313,731	1,551,309	11,865,040
Additions at cost	-	160,988	160,988
Disposals		*	
Valuation as at 30th June 2017	10,313,731	1,712,297	12,026,028
DEPRECIATION			
As at 1st July 2016	3,884,719	645,063	4,529,782
Charge for the year	181,027	108,093	289,119
Disposals		44	-
Provision for depreciation as at 30th June 2017	4,065,746	753,156	4,818,901
		,	
Net book value as at 30th June 2017	6,247,985	959,141	7,207,127
Net book value as at 30th June 2016	6,429,013	906,246	7,335,258

The College's operational buildings are insured for a rebuilding cost of £26,700,000.

9 HERITAGE ASSETS

The College holds and conserves certain collections, artefacts and other assets of historical, artistic or scientific importance.

As stated in the statement of principal accounting policies, heritage assets acquired since 1 July 1999 have been capitalised. However the majority of assets held in the College's collections were acquired prior to this date. As reliable estimates of cost or valuation are not available for these on a cost-benefit basis, they have not been capitalised. As a result the total included in the balance sheet is partial.

There have been no additions to heritage assets during the last five years.

10 INVESTMENT ASSETS	2017	2016
	£	£
Balance at 1st July	23,210,469	21,158,274
Additions	400,000	1,457,000
Disposals	-	-
Appreciation on revaluation	3,248,250	595,195
Balance at 30th June	26,858,719	23,210,469
Represented by:		
Charities Property Fund	1,777,447	1,746,981
Cambridge University Endowment Fund	25,081,272	21,463,488
Total	26,858,719	23,210,469

Clare Hall Notes to the Accounts for the year ended 30 June 2017:

11 TRADE AND OTHER RECEIVABLES	2017	2016
	£	£
Members of College	37,328	109,258
Sundry debtors	139,343	135,750
	176,671	245,008
12 CASH	2017	2016
Deale compart and confe	£	£
Bank current accounts Cash in hand	886,646	868,162
Casil ili fianu	3,567	4,444
	890,213	872,606
13 CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR	2017 £	2016 £
Members of College Trade creditors	58,901	79,028
Tax and pension funds	263,329 27,992	211,617 51,570
University composition fees	54,936	129,562
Similarly Composition 1888	405,158	471,777
	400,100	
14 CREDITORS: AMOUNTS FALLING DUE AFTER MORE THAN ONE YEAR	2017 £	2016 £
Bank loans	1,500,000	1,500,000
<u>-</u>		
-	1,500,000	1,500,000
15 PENSION PROVISIONS (CCFPS)	2017	2016
	Total	Total
	£	£
Balance at beginning of year	442,203	456,304
Movement in year:		
Current service cost including life assurance	161,489	132,605
Contributions	(106,503)	(99,307)
Other finance cost Actuarial loss/(gain) recognised in Statement of	12,637	17,194
Comprehensive Income and Expenditure	92,927	(64,593)
-	602,753	442,203
16 PENSION PROVISIONS (USS)	2017	2016
	£	£
Balance at beginning of year	102,400	94,899
Charge to comprehensive income	7,541	7,501
- -	109,941	102,400

Clare Hall
Notes to the Accounts for the year ended 30 June 2017:

17 ENDOWMENT FUNDS

	Restricted Permanent	Unrestricted Permanent	Total 2017	Total 2016
Balance at beginning of year:	£	£	£	£
Capital	7,206,517	7,644,940	14,851,457	14,187,342
Оарпа	7,200,017	7,0-1-1,0-10	14,001,401	14,101,042
Capital Grant from Colleges Fund	-	259,000	259,000	265,000
Increase in market value of investments	991,448	1,051,770	2,043,218	399,115
Balance at end of year	8,197,965	8,955,710	17,153,675	14,851,457
Analysis by type of purpose:				
Fellowship Funds	6,048,374	~	6,048,374	5,316,894
Scholarship Funds	1,964,713	-	1,964,713	1,727,104
Bursary Funds	42,219	348,987	391,206	343,894
Other Funds	142,659	-	142,659	125,406
General Endowments	-	8,606,723	8,606,723	7,338,159
-				
Total	8,197,965	8,955,710	17,153,675	14,851,457
Analysis by asset:				
Investments	8,197,965	8,696,739	16,894,704	14,586,457
Cash	-	258,971	258,971	265,000
Total	8,197,965	8,955,710	17,153,675	14,851,457

Clare Hall
Notes to the Accounts for the year ended 30 June 2017:

18	RESTRICTED RESERVES		Restricted expendable endowment	2017 Total	2016 Total
		£		£	£
	Balance at beginning of year		•		
	Capital	67,342	2,973,695	3,041,037	1,475,200
	Accumulated Income	224,239	266,963	491,202	407,362
		291,581	3,240,658	3,532,239	1,882,562
	New Donations	5,570	229,555	235,125	1,778,015
	Investment Income	274,893	114,973	389,866	322,035
	Expenditure	(236,434)	(235,314)	(471,749)	(493,712)
	Increase in market value of investments	15,594	421,352	436,946	43,339
		351,203	3,771,224	4,122,427	3,532,239
	Balance at end of year				
	Capital	128,936	3,484,018	3,612,954	3,041,037
	Accumulated Income	222,267	287,206	509,474	491,202
		351,203	3,771,224	4,122,427	3,532,239
	Analysis of other restricted funds/donations By type of purpose:				
	Fellowship Funds	174,042	1,570,311	1,744,353	1,522,678
	Scholarship Funds	160,166	2,065,835	2,226,001	1,892,508
	Bursary Funds	10,622	21,778	32,400	34,832
	Other Funds	6,373	113,300	119,673	82,221
		351,203	3,771,224	4,122,427	3,532,239
		**· · · · · · · · · · · · · · · · · · ·			

Notes to the Accounts for the year ended 30 June 2017:

19 STAFF

	College Fellows £	Other academic £	Non- academic £	Total 2017 £	Total 2016 £
Staff costs:					
Emoluments	179,566	-	785,501	965,067	1,012,378
Social security costs	14,633	-	71,899	86,532	85,672
USS pension costs	30,218	-	25,714	55,932	65,053
CCFPS pension costs	-	_	92,693	92,693	99,307
	224,417	_	975,807	1,200,224	1,262,410
Average staff numbers:					
Academic	50		-	50	50
Non-academic (full-time equiv.)	2		28	30	31
	52	-	28	80	81
				2017 £	2016 £
Trustees' remuneration included above				209,785	196,650

The trustees receive no remuneration in their role as trustees of the charity.

Of the 52 fellows declared above 9 are stipendiary.

No officer or employee of the College, including the Head of House, received emoluments of over £70,000.

20 PENSION SCHEMES

The College's employees belong to two principal pension schemes, the Universities Superannuation Scheme (USS) and the Cambridge Colleges Federated Pension Scheme (CCFPS). The total pension cost for the period was £148,625 (2016: £164,370).

Universities Superannuation Scheme

The total cost charged to the profit and loss account is £55,932 (2016: £65,053) as shown in note 19. The latest available full actuarial valuation of the scheme was at 31 March 2014 ("the valuation date"), which was carried out using the projected unit method. The valuation as at 31 March 2017 is underway. Since the College cannot identify its share of scheme assets and liabilities, the following disclosures reflect those relevant for the scheme as a whole.

The 2014 valuation was the third valuation for USS under the scheme-specific funding regime introduced by the Pensions Act 2004, which requires schemes to adopt a statutory funding objective, which is to have sufficient and appropriate assets to cover their technical provisions. At the valuation date, the value of the assets of the scheme was £41.6 billion and the value of the scheme's technical provisions was £46.9 billion indicating a shortfall of £5.3 billion. The assets therefore were sufficient to cover 89% of the benefits which had accrued to members after allowing for expected future increases in earnings.

Notes to the Accounts for the year ended 30 June 2017:

20 PENSION SCHEMES continued

Universities Superannuation Scheme cont'd

Defined benefit liability numbers for the scheme have been produced using the following assumptions:

	2017	2016
Discount rate	2.57%	3.60%
Pensionable salary growth	n/a	n/a
Price inflation (CPI)	2.41%	2.20%

The main demographic assumption used relates to the mortality assumptions. Mortality in retirement is assumed to be in line with the Continuous Mortality Investigation's (CMI) S1NA tables as follows:

Male members' mortality 98% of S1NA ["light"] YoB tables - no age rating

Female members' mortality 99% of S1NA ["light"] YoB tables - rated down 1 year

Use of these mortality tables reasonably reflects the actual USS experience. To allow for further improvements in mortality rates the CMI 2014 projections with a 1.5% pa long term rate were also adopted. The current life expectations on retirement at age 65 are:

	2017	2016
Males currently aged 65 (years)	24.4	24.3
Females currently aged 65 (years)	26.6	26.5
Males currently aged 45 (years)	26.5	26.4
Females currently aged 45 (years)	29.0	28.8

Existing benefits	2017	2016
Scheme assets	£60.0bn	£49.8bn
Total scheme liabilities	£77.5bn	£58.3bn
FRS 102 total scheme deficit	£17.5bn	£8.5bn
FRS 102 total funding level	77%	85%

Notes to the Accounts for the year ended 30 June 2017:

20 PENSION SCHEMES continued

Cambridge Colleges Federated Pension Scheme

The College is a member of a multi-employer defined benefit scheme, the Cambridge Colleges Federated Pension Scheme, in the United Kingdom. The Scheme is a defined benefit final salary pension scheme that was originally set up, under an interim Trust Deed, on 19 July 1977 as a defined benefit scheme.

The contribution made by the College, including PHI, in respect of the year ended 30 June 2017 was £92,693 (2016: £99,307). The contribution rate payable by the College was 15.06% of pensionable salaries.

The liabilities of the plan have been calculated for the purposes of FRS102 using a valuation system designed for the Management Committee, acting as Trustee of the Cambridge Colleges' Federated Pension Scheme, as at 31 March 2017 but allowing for the different assumptions required under FRS102 and taking fully into consideration changes in the plan benefit structure and membership since that date.

The principal actuarial assumptions at the balance sheet date were as follows:

	30-Jun-17	30-Jun-16
Discount rate	2.60%	2.80%
Increase in salaries	2.85%	2.40%
RPI assumption	3.35%	2.90%
CPI assumption	2.35%	1.90%
Pension increases in payment (RPI Max 5% p.a.)	3.25%	2.70%
Pension increases in payment (RPI Max 5% p.a.)	1.85%	1.70%

The underlying mortality assumption is based upon the standard table known as S2PA on a year of birth usage with CMI_2016 future improvement factors and a long-term rate of future improvement 1.25% p.a. (2016: S2PA with CMI_2015 future improvement factors and a long-term rate of future improvement 1.0% p.a.). This results in the following life expectancies:

- Male age 65 now has a life expectancy of 22.1 years (previously 21.9 years)
- Female age 65 now has a life expectancy of 23.9 years (previously 23.9 years)
- Male age 45 now and retiring in 20 years would have a life expectancy then of 23.5 years (previously 23.2 years)
- Female age 45 now and retiring in 20 years would have a life expectancy then of 25.4 years (previously 25.4 years)

Employee Benefit Obligations

The amounts recognised in the balance sheet as at 30 June 2017 (with comparative figures as at 30 June 2016) are as follows:

	30-Jun-17	30-Jun-16
	£	£
Present value of plan liabilities	(2,445,304)	(2,043,940)
Market value of assets	1,842,551	1,601,737
Net defined benefit liability	(602,753)	(442,203)

Notes to the Accounts for the year ended 30 June 2017:

20 PENSION SCHEMES continued Cambridge Colleges Federated Pension Scheme cont'd

The amounts to be recognised in profit and loss for the 12 months ending 30 June 2017 (with comparative figures for 12 months ending 30 June 2016) are as follows:

	30-Jun-17 £	30-Jun-16 £
Current service cost	153,580	124,696
Administrative expenses	7,909	7,909
Interest on net defined benefit Liability	12,637	17,194
Total	174,126	149,799

Changes in the present value of the plan liabilities for the 12 months ending 30 June 2017 (with comparative figures for 12 months ending 30 June 2016) are as follows:

	30-Jun-17	30-Jun-16
	£	£
Present value of plan liabilities at beginning of period	2,043,940	1,811,765
Current Service cost	153,580	124,696
Employee contributions	30,975	29,108
Benefits paid	(94,032)	(103,041)
Interest on plan liabilities	58,530	68,097
Actuarial losses	252,311	113,315
Present value of Scheme liabilities at end of period	2,445,304	2,043,940

Changes in the fair value of the plan assets for the 12 months ending 30 June 2017(with comparative figures for 12 months ending 30 June 2016) are as follows:

	30-Jun-17	30-Jun-16
	£	£
Market value of plan assets at beginning of period	1601,737	1,355,461
Contributions paid by College	106,503	99,307
Employee contributions	30,975	29,108
Benefits paid	(94,032)	(103,041)
Administrative expenses	(10,777)	(8,596)
Interest on plan assets	45,893	50,903
Return on assets, less interest included in Profit & Loss	162,252	178,595
Market value of plan assets at end of period	1,842,551	1,601,737
Actuarial return on plan assets	208,145	229,498

The major categories of plan assets as a percentage of total plan assets at 30 June 2017 (with comparative figures at 30 June 2016) are as follows:

	30-Jun-17	30-Jun-16
Equities and Hedge Funds	67%	59%
Bonds & Cash	27%	35%
Property	6%	6%
Total	100%	100%

The plan has no investments in property occupied by, assets used by, or financial instruments issued by, the College.

Notes to the Accounts for the year ended 30 June 2017:

20 PENSION SCHEMES continued Cambridge Colleges Federated Pension Scheme cont'd

Analysis of the re-measurement of the net defined benefit liability recognised in Other Comprehensive Income (OCI) for the 12 months ending 30 June 2017 (with comparative figures for the 12 months ending 30 June 2016) are as follows:

	30-Jun-17 £	30-Jun-16 £
•		
Actuarial return less expected return on plan assets	162,252	178,595
Expected less actual plan expenses	(2,868)	(687)
Experience gains and losses arising on plan liabilities Changes in assumptions underlying the present value of	7,930	51,281
plan liabilities	(260,241)	(164,596)
Actuarial (loss)/gain recognised in OCI	(92,927)	64,593

Movement in deficit during the 12 months ending 30 June 2017 (with comparative figures for the 12 months ending 30 June 2016) are as follows:

	30-Jun-17 £	30-Jun-16 £
Deficit in Scheme at beginning of year	(442,203)	(456,304)
Service cost (Employer only)	(174,126)	(149,799)
Contributions paid by the College	106,503	99,307
Actuarial (losses)/gains	(92,927)	64,593
Deficit in Scheme at the end of the year	(602,753)	(442,203)

Funding Policy

Actuarial valuations are carried out every three years on behalf of the Management Committee, acting as Trustee of the Scheme, by a qualified independent actuary. The actuarial assumptions underlying the funding valuation are different to those adopted under FRS102.

The last such valuation was as at 31 March 2014. This showed that the plan's assets were insufficient to cover the liabilities on the funding basis. A Recovery Plan has been agreed with the College, which commits the College to paying contributions to fund the shortfall.

These deficit reduction contributions are incorporated into the plan's Schedule of Contributions dated 10 March 2017 and are as follows:

• Annual contributions of not less than £10,023 p.a. payable for the period 1 July 2015 to 31 March 2034.

These payments are subject to review following the next funding valuation, due at 31 March 2017.

21 RELATED PARTY TRANSACTIONS

Owing to the nature of the College's operations and the composition of the Governing Body, it is inevitable that transactions will take place with organisations in which a member of the Governing Body has an interest. Any transactions involving organisations in which a member of the Governing Body has an interest are conducted at arm's length and in accordance with the College's normal procedures.