

News and Ordering Information

A New Service from the IGB – Careers & Job Centre

The easy and inexpensive way for employers worldwide in the brewing, distilling and allied industries to attract new employees...

The Institute & Guild of Brewing (IGB) is now offering employers the opportunity to advertise vacancies on a new Careers and Job Centre of the IGB website.

Positions can be advertised at the following highly competitive rates:

- Up to one month: £300 (Member rate), £400 (Non-member rate)
- Up to two months: £400 (Member rate), £500 (Non-member rate)

Vacancies will be advertised on the website – and to ensure maximum coverage – will also be placed in the IGB monthly magazine *The Brewer International*, which has a global circulation.

Employers will be asked to provide both a job summary and a more detailed job description.

The summary will be used as an eye-catching display on our Careers and Job Centre website and there will be the opportunity for interested candidates to access more detailed information about the position.

Applicants will be asked to forward their CV to the IGB. A list of applicants will be compiled by the IGB and submitted, together with a summary sheet, to the employer.

This exciting initiative represents an inexpensive and easy way for international employers in the brewing, distilling and allied industries to attract new employees, avoiding the considerable expense of relying on recruitment agencies or advertising in the national and international press.

For our job-seeking members, the IGB will be providing an important new member service free of charge.

Should you wish to advertise a post, simply contact Andrea Williams at the IGB.

IGB Career and Jobs Centre

The Institute & Guild of Brewing, 33 Clarges Street
London W1J 7EE UK

Tel: +44 (0) 20 7290 6080 Fax: +44 (0) 20 7499 1156

Email: andrea.williams@igb.org.uk

Website: www.igb.org.uk

Software Available from the IGB

1. The General Certificate in Brewing for Lecturers

This is a CD containing all the required material (Power-Point slides, Documentation etc.) to enable a lecturer to present a course leading to the General Certificate in Brewing.

Price: apply to Andrea Williams (andrea.williams@igb.org.uk).

There are currently no updates or drivers required for this product.

2. The General Certificate in Brewing and Packaging

This is a CD containing all the required material (Power-Point slides, Documentation, searchable help etc.) to enable a student to pass the General Certificate in Brewing examination

Price: apply to Gavin Hock (gavin.hock@igb.org.uk).

There are currently no updates or drivers required for this product.

3. The General Certificate in Distilling (Scotch Whisky Production)

This is a CD containing all the required material (Power-Point slides, Documentation, searchable help etc.) to enable a student to pass the General Certificate in Scotch Whisky examination.

Price: apply to Gavin Hock (gavin.hock@igb.org.uk).

There are currently no updates or drivers required for this product.

Please note that, unlike the other CD's, this product is designed to run directly from the CD. If you wish to run it from your hard drive, create a new directory, copy all files to that directory and create a short cut on your desk top.

If you experience any technical difficulties with any of these products, please contact: DAL, 40 Blandford Avenue, Kettering NN16 9AR; Tel. +44 (0) 1536 511715, E-mail: enquiries@dal.eu.com or visit the web site: (www.dal.eu.com).

Publications Available from the IGB

General Publications	Membership Category	UK	Overseas
AME Examination Syllabus		£ 15.00	£ 15.00
DMB Examination Syllabus		£ 30.00	£ 30.00
GCBP Examination Syllabus (formerly FC)		£ 12.00	£ 12.00
GCBP Revision Workbooks		£ 33.00	£ 33.00
GCBP Syllabus and Workbooks on CD-ROM		£ 60.00	£ 60.00
Reference Reading – AME / DMB		£ 5.00	£ 5.00
Examination Regulations		FREE	FREE
Aviemore Proceedings 1990		£ 12.50	£ 12.50
Aviemore Proceedings 1994		£ 12.50	£ 12.50
Aviemore Proceedings 1998		£ 25.00	£ 25.00
Methods of Analysis 1998 Vols. 1 and 2	Members	£150.00	£165.00
	Non-members	£230.00	£255.00
IOB Sensory Analysis Manual 1995	Members	£ 15.00	£ 15.00
	Non-members	£ 25.00	£ 25.00
Sensors in the Brewing Industry 1993	Members	£ 15.00	£ 15.00
	Non-members	£ 20.00	£ 20.00
Microbiology – A Guide to Good Practice		£ 30.00	£ 30.00
Brewing Science and Technology (Blue Books)		UK	Overseas
Series II			
Vol. 1 – Hops		£ 13.00	£ 15.00
Vol. 2 – Malting, Wort Production & Fermentation ¹		£ 30.00	£ 32.00
Vol. 3 – Quality		£ 13.00	£ 15.00
Vol. 4 – Engineering	Members	£ 25.00	£ 27.00
	Non-members	£ 27.00	£ 29.00
Series III Brewers' Yeast		£ 22.00	£ 24.00
Past Papers²		UK	Overseas
GCBP (formerly FC)		£ 5.00	£ 5.00
AME Module 1		£ 5.00	£ 5.00
AME Module 2		£ 5.00	£ 5.00
AME Module 3		£ 5.00	£ 5.00
AME Distilling Modules 1–3 (1996–2001)		£ 5.00	£ 5.00
DMB Module 1		£ 5.00	£ 5.00
DMB Module 2		£ 5.00	£ 5.00
DMB Module 3		£ 5.00	£ 5.00
DMB Module 4		£ 5.00	£ 5.00
DMB Module 5 Case Study (1995–2001)		£ 5.00	£ 5.00
Miscellaneous Items		UK	Overseas
Check Malt 2000 Samples (price excludes p&p)		£ 15.00	£ 16.00
Journal Easibinders		£ 10.00	£ 10.00
Guide to Technical Careers in the Brewing Industry		FREE	FREE
2002 Directory (coming soon) ³			

¹ Series II, Vol. 2 will be replaced by 'Series III Brewing Materials & Wort Production' in early 2001. Series II, Vol. 2 books bought in the meantime will be replaced with the new book when available.

² All past papers include Examiners Reports (where available). GCBP past papers sold per exam date. AME & DMB sold per set of ten most recent papers (unless indicated).

³ The IGB Company Directory is published annually and provided to members as part of their subscription fee. It is also available for purchase by non-members.

JOURNAL OF THE INSTITUTE OF BREWING
(An Institute & Guild of Brewing publication)

ORDER FORM

ANNUAL SUBSCRIPTION

£200 per year starting with issue

NAME AND ADDRESS (Block Capitals)

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Remittance to be enclosed with order (overseas readers please use Sterling draft on UK Bank). Credit card payments may be made over the telephone.



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APPLICATION TO BECOME A MEMBER OF THE INSTITUTE & GUILD OF BREWING

Please read the notes on page 2 before completing this form.

SECTION 1: DECLARATION¹

I offer myself for admission as a Member of the Institute & Guild of Brewing, under the conditions of the current byelaws. I undertake, if elected, to observe and be bound by the provisions of the Rules and Byelaws of the IGB for the time being in force.

I desire, if elected, to be inscribed in the List of Members of the _____ Section of the IGB².

Please confirm if you have previously applied to become OR been elected a Member of the IGB.

Applied Yes / No ? Membership No. Year Applied/Elected

SECTION 2: PERSONAL DETAILS³ (# = optional)

Please complete ALL SECTIONS (unless marked optional).

Dr / Mr / Mrs / Miss / Ms (Please indicate)

Sex: MALE / FEMALE

Forenames

Family Name

Preferred Name (for letters and certificates)

Company Name

Company Department

Company Address

Home Address

I wish for my mail to be sent to my HOME or COMPANY address. HOME / COMPANY

Contact Telephone No. (Include codes)

Contact Fax No. (Include codes)

Contact E-mail Address #

Full Date of Birth (i.e. 06 May 1975)

Qualifications (BSc, PhD, etc)

Brief description of current professional position and responsibilities

SECTION 3: CONFIRMATION OF APPLICATION

I confirm that I wish to become a Member of the Institute & Guild of Brewing.

Signature:

Print Name:

Date: day / month / year

Please turn over ->

SECTION 4: STATEMENTS BY APPLICANT SPONSORS

We, the undersigned, being fully paid subscribing IGB Members (not Student), certify that the Applicant (state full name) _____ is a fit and proper person to become a Member of the IGB, and we propose and recommend the Applicant for election.

Full Name: _____ Company Name: _____ Company Address: _____	Full Name: _____ Company Name: _____ Company Address: _____
IGB Member No: _____ IGB Section: _____ Signature: _____	IGB Member No: _____ IGB Section: _____ Signature: _____

SECTION 5: PAYMENT FOR SUBSCRIPTION

Please note that **payment must be received in full**⁴. Please **enclose your cheque** (or **bank draft** drawn on a UK bank), or **confirm your credit card** details. I would like to pay for my Membership Fee by (please tick applicable):

Personal Cheque (enclosed): Bank Draft (enclosed): Credit Card (complete below): Need Invoice:

Cardholder: _____ Type of Credit Card: _____ VISA / AMEX / MASTERCARD
 Personal / Company Card: _____ Card Expiry Date: _____ / _____
 Card Number: _____

PLEASE KEEP A PHOTOCOPY OF YOUR COMPLETED FORM FOR YOUR OWN RECORDS

MEMBERSHIP INFORMATION—Please read all of this section carefully.

The object of the IGB is the advancement of education, especially in the sciences of Brewing, Fermentation and Distillation. To be eligible, “Persons who by the virtue of their interest in the scientific and technical aspects of the Brewing, Fermentation, Distillation and related Industries are, in the opinion of the Council, able to further the objects of the IGB and are nominated, in a form prescribed by Council, by two subscribing Members other than Student Members”

All applications are scrutinised by the appropriate Section Committee, and if recommended, are then put to the IGB Council.

- You must notify us of any previous application and especially any Class of Membership obtained.
- Applicants from the UK can select from: Great Northern, Midland, Southern, Scottish, or Irish Sections.
 - Applicants from Overseas can select the Africa Section, Asia-Pacific Section or International Section (primarily for those from Countries with insufficient numbers for a local Section).
- You must enter ALL of your details in Section 2 (unless shown as optional). Any omission may delay your application.
- Applicants **MUST** pay the necessary subscription fees before any application can be put to Council. The subscription year runs from 1st January to 31st December. Any over-payments will be carried forward to the next year.
- Please contact us immediately if your personal details change. All completed application forms and correspondence, should be addressed to:

Ms Nicky Baker, IGB Registrar, The Institute & Guild of Brewing, 33 Clarges Street, LONDON W1J 7EE, UK

Tel: + 44 (0) 20 7499 8144 Fax: + 44 (0) 20 7499 1156 E-mail: nicky.baker@igb.org.uk Web: www.igb.org.uk

FOR OFFICE USE ONLY

DATE RECEIVED BY SECTION SECRETARY	RECOMMENDATION OF SECTION	SIGNATURE OF SECTION SECRETARY AND DATE

Abbreviated Guidelines for Authors

(Refer to www.igb.org.uk for more detailed instructions)

The *Journal of the Institute of Brewing* (JIB) welcomes original papers and review articles dealing with all aspects of the raw materials of brewing and the brewing process and with other fermentation industries, such as cider manufacture, wine making and distilling. Submission of papers is not restricted to members of the Institute and Guild of Brewing (IGB), although all papers must be written in the English language. The Editorial Board of the JIB is responsible for deciding whether or not a paper shall be published in the *Journal*, but it is the responsibility of the author, and not of the IGB, to ensure that any necessary permission to publish has been secured. Papers and letters to the editor reflect the views of the authors and are not necessarily the views of the IGB or of the institutions with which the authors are affiliated. The *Journal* reserves the right to reject or accept letters for publication and to edit letters for clarity and conciseness.

Submission of Papers

Please feel free to submit only electronically via e-mail to start the process. Once a paper is accepted and being prepared for publication, it may be necessary to mail paper copies, high-quality scans of the figures or original photographs depending on the actual material.

Electronic copies of your paper will be sent to the referees whenever possible to speed up the process, and you will receive a summary of referee comments via e-mail. Your page proofs will be sent to you electronically.

Please ensure that you have marked who the corresponding author is, have included e-mail addresses (including those of coauthors if you will be travelling while the page proofs or referee comments need to be addressed) as well as mailing address, telephone numbers and fax numbers.

Faster speed to publication is a goal of the JIB.

Inquiries about submissions should be addressed to:

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IngeRussell@aol.com (secondary E-mail)

The typescripts must be accompanied by a declaration that the paper has not already been published and will not be published elsewhere within nine months of the date of submission. If the contents of the paper have been com-

municated verbally at a scientific meeting or symposium, this should be stated in a footnote.

The ACS Style Guide (American Chemical Society, Sales Office, 1155 Sixteenth Street NW, Washington, DC 20036, <http://www.acs.org>) is recommended as a style reference; for spelling please consult the *Concise Oxford Dictionary*.

General Format of Papers

Reference to Vol. 108, issue one of 2002 of the *Journal* will give prospective contributors information about the preferred style. The detailed arrangement of the subject matter of a paper will depend on its content and on the individual preferences of the author, but the following general principles serve as guidelines for papers embodying original work.

Abstract. A summary of the paper of 100–200 words must precede the general body of the text. It is important that the abstract be as informative as possible. Statements like “The implications of these results are discussed” are not informative and will be deleted. In this instance, a suitable sentence would be “The results obtained suggest that...”.

Key words. A list of no more than six key words, arranged alphabetically, should indicate the areas covered by the paper and be placed following the abstract.

Introduction. The purpose and scope of the investigation should be indicated, and any relevant findings of previous workers on the subject may be briefly reviewed.

Materials and methods. The experimental work should be described in sufficient detail to enable other workers to use the given techniques.

Results. Results should be concisely presented, preferably in tables or graphs. The use of both tables and figures based on the same data is not permitted.

Discussion. The results obtained should be considered critically, both on their own and in relation to the findings of others. Care must be taken to avoid repeating information already presented in the Introduction or Results sections.

In some papers it may be desirable to combine the Results and Discussion as a single section.

In addition to papers concerned with results of experimental work, critical review papers are also welcome. The use of subheadings is essential for this type of article.

Details of Presentation

Tables. Tables must **not** be included in the body of the text because their final position is determined by the layout of the printed page. Each table should be printed on a separate sheet and numbered (Table I, Table II, etc.) in the order in which they are referred to in the text. A gen-

eral heading is required for each table, and the wording of the heading must be chosen so as to make the contents of the table comprehensible without undue reference to the text. Internal headings of columns must also be carefully worded, and only common abbreviations used without explanation. Explanatory footnotes to tables may be desirable.

Figures. The term *figures* includes line drawings, charts, diagrams, and photographs. Figures should be used when they clarify the text. Figures are numbered (Fig. 1, Fig. 2, etc.) in order of appearance. For graphs, please use circles, squares and triangles, which may be either solid or hollow to indicate results on curves; the symbols + and × should not be used. Axes should be clearly labelled and include all units of measurement, preferably in a sans serif font (e.g., Helvetica). Draw curves heaviest and axes lighter. If shading is necessary in a figure, use coarse patterns such as hatching; shading is liable to break up in the printed copy.

Each figure must be accompanied by an explanatory legend, and all legends should be collected together on a separate sheet. All paper figures should have a label on the back containing the first author's name and an arrow indicating the top of the figure.

One column in the journal is 88 mm and 183 mm for two columns; maximum height is 242 mm, including the caption. If possible, make illustrations fit the area without reduction in size. A 1:1 reproduction is desired to maintain maximum detail in printing and to save time, labour, and production costs. On figures for same-size reproduction, numbers and lettering (in upper and lowercase) should be in a 10-point (3 mm) sans serif type (e.g., Helvetica); figure designations (1, 2, 3, and A, B, C, etc.) should be in 18-point type (6 mm). Instructions for sending figures electronically are given on the web site.

References

Citation of references. References should be indicated in the text by superscript numbers thus, "as MacLeod¹⁵ has shown" or "in journals^{2,6-9,14}, as well as books^{3,7}."

Authors' initials are not shown in the text, but they must be given in full in a list of references at the end of the paper. This list must be arranged in alphabetical order and numbered in that order.

References section. In the list of references, the titles of journals are followed by the year of publication, the volume number and the first page of the paper to which reference is made. This format is in the process of change, and the preferred format also includes the title of the article, the number of the first and last pages, and abbreviated titles. Titles should be abbreviated according to the *Chemical Abstract Services Source Index* (CASSI). This change in format will be mandatory for papers submitted in 2003.

For 2002 references, this format is acceptable.

MacLeod, A.M. and Palmer, G.H., *Journal of the Institute of Brewing*, 1966, **72**, 580.

Bamforth, C.W. and Kanauchi, M., *Journal of the Institute of Brewing*, 2001, **107**, 235.

For 2003 this format is required and it is preferred for 2002 as it is a style more helpful to the reader. Please do not mix formats.

Bamforth, C.W. and Kanauchi, M., A simple model for the cell wall of the starchy endosperm in barley. *J. Inst. Brew.*, 2001, **107(4)**, 235–240.

Segawa, S., Yamashita, S., Mitani, Y. and Takashio M., Analysis of detrimental effect on head retention by low-molecular surface-active substances using surface excess. *J. Am. Soc. Brew. Chem.*, 2002, **60(1)**, 31–36.

Noordman, T.R., Peet, C., Iverson, W., Broens, L. and van Hoof, S., Cross flow filtration for clarification of lager beer – Economic reality. *Tech. Q. Master Brew. Assoc. Am.*, 2001, **39(4)**, 207–210.

Symposia

McKeown, I., Earl, G., Stewart, G. and Leiper, K., Influence of brewing raw materials and silica surface activation on protein uptake from lager beers. Proceedings of the European Brewery Convention Congress, Cannes, IRL Press: Oxford, 1999, pp. 839–845.

References to books with editors

Campbell, I., Wild yeasts in brewing and distilling. In: *Brewing Microbiology*, 2nd ed., F. G. Priest and I. Campbell, Eds., Chapman and Hall: London, 1996, pp. 93–207.

CD-ROM proceedings (not available in print form)

Boulton, C.A., Box, W.G., Carvell, J. and Turner, K., A novel and rapid method for the automatic and simultaneous determination of total and viable cell concentration in pitching yeast slurries. Proceedings of the European Brewery Convention Congress, Budapest, 2001, Fachverlag Hans Carl: Nürnberg, Germany, CD ROM 2001, Contribution 78.

Proofs

Proofs (text, captions, and tables, not laid out in final form) will be sent to the corresponding author to be checked for typesetting accuracy.

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