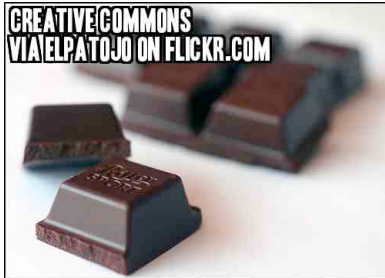


Cambridge University needs chocolate researcher

19th August, 2014



The job of a lifetime is currently on offer for those with a sweet tooth.

Cambridge University in the U.K. has just posted a position on its careers website

advertising for a researcher of chocolate. Chocolate lovers with a scientific mind will have the chance to apply for a job as a researcher and study for a PhD. The successful candidate will investigate the properties that make chocolate melt. Their objective will be to stop chocolate melting in warmer climes. The careers post states: "The project will investigate the factors which allow chocolate, which has a melting point close to that of the human body, to remain solid and retain qualities sought by consumers when it is stored and sold in warm climates."

The position involves three-and-a-half years of experimenting with how chocolate melts in the mouth and in different temperatures. The university says applicants require good mathematical skills. There is a lot of science behind the consistency and melting point of chocolate. A variety of oils and fatty acids are used to control how hard or soft chocolate is when we bite into it, and when it melts. Chocolatiers spend a lot of money on research and development to get the blend right so that the chocolate melts in the mouth. The Massachusetts Institute of Technology says: "Melting is especially important because it controls how well the chocolate disperses and releases flavour onto your tongue."

Sources: BBC / Cambridge University / MIT

Writing

Chocolate is the most satisfying thing we can eat. Discuss.

Chat

Talk about these words from the article.

job of a lifetime / sweet tooth / careers / PhD / melting / consumers / warm climates / experimenting / different temperatures / mathematical skills / science / flavour

True / False

- A university wants a researcher to make a sweet tooth. T / F
- The research position has been advertised in the 'Chocolate Times'. T / F
- The research will focus on the melting point of chocolate. T / F
- Chocolate melts at a temperature close to that of our body. T / F
- The research position is for 18 months. T / F
- The university wants someone who is good at maths and cooking. T / F
- Fatty acids are an important part of the hardness of chocolate. T / F
- The melting point of chocolate affects its flavour. T / F

Synonym Match

- | | |
|----------------|-----------------|
| 1. posted | a. job |
| 2. chance | b. applicant |
| 3. candidate | c. mix |
| 4. properties | d. keep |
| 5. retain | e. opportunity |
| 6. position | f. various |
| 7. different | g. regulate |
| 8. control | h. advertised |
| 9. blend | i. particularly |
| 10. especially | j. features |

Discussion – Student A

- Would you be a good chocolate researcher? Why do you think so?
- What do you know about chocolate?
- What is the job of a lifetime for you?
- What are the good and bad things about being a chocolate researcher?
- What do you think the researcher will do every day?
- How important is chocolate in your life?
- Do you have problems with chocolate melting?
- Which is better, white, milk or dark chocolate?

Breaking News English - The Mini Lesson

Phrase Match

1. The job
 2. for those with a sweet
 3. Chocolate lovers
 4. a melting point close to that
 5. retain qualities sought
 6. experimenting with how chocolate
 7. melting
 8. get the blend
 9. it controls how well the chocolate
 10. releases flavour
- a. melts in the mouth
 - b. right
 - c. by consumers
 - d. tooth
 - e. disperses
 - f. with a scientific mind
 - g. of a lifetime
 - h. onto your tongue
 - i. point of chocolate
 - j. of the human body

Discussion – Student B

- a) What are the best things to eat or drink with chocolate?
- b) What do you know about chocolate and health?
- c) How would your life be different without chocolate?
- d) Would you like this research position?
- e) Which company or country makes the best chocolate?
- f) How would you describe the feeling of chocolate melting in your mouth?
- g) Why do people love chocolate so much?
- h) What questions would you like to ask a chocolate expert?

Spelling

1. asercre website
2. The successful dtnciaead
3. Their jctvoibee will be to stop chocolate melting
4. The project will anstevegtii the factors
5. retain lsuitaiqe sought by consumers
6. stored and sold in warm lsmtieac
7. in different eertmprusaet
8. aitnsalpcp require good mathematical skills
9. the tesnciynso and melting point
10. Melting is saicleelpy important
11. how well the chocolate srspdsiee
12. releases flavour onto your nuetgo

Answers – Synonym Match

1. h	2. e	3. b	4. j	5. d
6. a	7. f	8. g	9. c	10. i

Role Play

Role A – Melting point of chocolate

You think the melting point of chocolate is most important to research. Tell the others 3 reasons why. Tell them why their things aren't really research-worthy. Also, tell the others which is the least important of these (and why): the sweetness of sugar, the vitamin content of lemons or the fattiness of meat.

Role B – Sweetness of sugar

You think the sweetness of sugar is most important to research. Tell the others 3 reasons why. Tell them why their things aren't really research-worthy. Also, tell the others which is the least important of these (and why): the melting point of chocolate, the vitamin content of lemons or the fattiness of meat.

Role C – Vitamin content of lemons

You think the vitamin content of lemons is most important to research. Tell the others 3 reasons why. Tell them why their things aren't really research-worthy. Also, tell the others which is the least important of these (and why): the sweetness of sugar, the melting point of chocolate or the fattiness of meat.

Role D – Fattiness of meat

You think the fattiness of meat is most important to research. Tell the others 3 reasons why. Tell them why their things aren't really research-worthy. Also, tell the others which is the least important of these (and why): the sweetness of sugar, the vitamin content of lemons or the melting point of chocolate.

Speaking – Chocolate

Rank these with your partner. Put the best at the top. Change partners often and share your rankings.

- chocolate bars
- chocolate ice cream
- milk shakes
- chocolate biscuits (cookies)
- chocolate cake
- chocolate spread
- hot chocolate drink
- chocolate milk

Answers – True False

a	F	b	F	c	T	d	T	e	F	f	F	g	T	h	T
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Answers to Phrase Match and Spelling are in the text.