



*Brolo.* PHOTO BY UVIC PHOTO SERVICES

**We use gold for jewelry, tooth fillings and Olympic medals—and soon for Zika detection**

by Patty Pitts

T e .e .e , g d. a a f ea g  
T ea .B f UVc. a c a c e A e  
B ., e ec . e a a de a f a e  
a d a g . e de a a g . e c a Z a  
a d de g e f e e a d e e ca ce.

B... de e... g... e... a... e g... d  
a... c... e... c... c... c... b... f... a... e  
10,000... e... a... e... a... e... d... f... a... a  
a... e... d... c... a... a... c... a... .

We became, we were  
we became. We can see  
we made, we are  
we became, a B., and ec-  
f UVc' Ce f Ad a ced Ma e a ad  
Re a ed Tec g (CAMTEC).

I e ee ed ea g  
ce ca df e face fg d ae  
be age ec fc ec a a e  
f a a e c a a a b d

T ee ad a c g e f g f ea  
de ec f e Z a a e e e ,  
age a - ed a c c e  
face a e a c ed e c e .  
Eac c e ac a a d f  
face- d f ed g d a c e a

g d a c e ed a a  
c a g e Z a .

B... a ... a e ... e. e... e, ea -  
- e de ec... e d d ec... e  
eg b ... d a d eg... eeZ. a a d  
de g efe e a e. e a e , a d e ... e  
a ca e e a e ... e b eed.

He'd a ead c d c ed a ec a  
a e B a 30 a ed 60 e  
ce acc a e de ec g de g e fe e B e  
e d f ea, e e c d c a e  
e e e e 200 g c ec ed  
a e f ec ed B a a Z a a e  
T e ec f ded b a \$25,000 G a d  
C a e ce Ca ada a

R g . . , Z. a e . a e b . d - ba ed . . e  
a a e . a e . g . ab , b . e . . . . g  
a . a ca . be d . e . a . e g b . . d c . c  
b . ea . . e , a . B . . T . e dea .  
e a d . e d d e ce , . e ce . . e , feed  
da a ab . . e c , a . a ed . d . d a . a  
G . g - ba ed . a . T . . . . dea ea - e  
ec d f e . fe a . , a . gg . e . e .  
ffca . e . d . c .

B... e... a... e... fab... ca... g... e... a... -  
c... e... , de... a... d... g... e... . a... ad...  
a... , g... e... , g... a... ec... , g... e

e ea c g de g ad a e a d g ad a e  
de a c a e f e ea c

T e e a e e . . . , a e . . . . , a e  
age, e e . . . de . e . . . a, a f . e  
5. B

W e eZ aa dde g efe e .. e a e  
e B .. a f c , e de a .. f  
e da e .. a .. ec .. g a .. ad a ce  
.. ca ce de ec .. P .. e .. ca ed .. a ..  
da eac .. ab .. da .. ec .. a .. g  
.. ce b .. a .. e

B... e..... c a g a c .. e bedded  
g d a ... c e b d f a  
ge .. c . A ca f e b d a .. f  
e a .. e .. ea ed ca ce .. d .. de  
ba e .. e .. a .. a e .. S b e ..  
.. a e .. d .. de ea .. de ec ..  
g a .. g .. ee .. a a  
g a .. e .. ee .. ce .. fca .. ce ..

W e e c a c e ' c a e e e e e f  
g a d e a f . . . , e e . . . a e c e e  
b e c g a e a . . . e b a l e a g a . . . Z . a  
d d e g e f e e . I . . . e a d . f . . . g . a . . .  
d , e e a c e . . . e A e B . . . a e . . . g g . d  
a d a c e e f g . a g a . . . Z . a a d d e g e  
e , e . a . e e a a . e .

EDGEWISE

The viruses that cause Zika infection and dengue fever are both carried by *Aedes* mosquitoes, primarily found in tropical and subtropical regions. *Aedes* mosquitoes are not established in Canada due to our cooler climate.

Zika was first identified in Uganda and Tanzania in 1952. Outbreaks have since been recorded in the Americas, Asia and the Pacific. The World Health Organization describes Zika infection as a serious disease with staying power.

Biomedical research is part of a wide spectrum of interdisciplinary work conducted at UVic's CAMTEC. The chemists, electrical and computer engineers, mechanical engineers and physicists associated with the centre work closely with medical doctors, scientists and engineers from the private and public sectors to develop new technologies and processes for use by industry and hospitals.

Funding for CAMTEC comes from the Natural Sciences and Engineering Research Council, the Canada Foundation for Innovation and the BC Knowledge Development Fund.

When he's not developing nanostructures, Brolo also participates in "That Chemistry Show" several times a year, along with other UVic faculty members. The popular show—with flashes and bangs and colour-curdling potions—is always a hit during UVic's annual 5 Édaed ina bCrlbons10n✓